

URBAN/MUNICIPAL

CA 3 ON HW R04

C11 1982-1986

ABON HW R04
C112

1982 - 1986

CAPITAL BUDGET

OVERVIEW

THE CAPITAL BUDGET

I INTRODUCTION

Projects in the Capital Budget must conform to the Official Plan and implement the Official Plan.

The Regional Official Plan is the long-term plan for development in the Region over the next twenty years. Major capital expenditures on public works are required to implement the development pattern and to conform to the policies contained in the Regional Official Plan. The five (5) year Capital Budget serves as a short-term plan to initiate these required facilities.

Capital projects are also necessary to ensure the safety and health of the population in the Region and to maintain acceptable levels of service to the citizens of the Region.

The Capital projects required for development and service to the population must be implemented in a manner that optimizes the investment made by the Region and minimizes the impact on the Regional tax base.

Regional staff from the Engineering, Finance and Planning Departments review the capital project requirements and tax impacts annually when preparing the five year capital budget. In order to stay within financial constraints and, at the same time, meet the service and development requirements of the Region, projects must be prioritized.

II THE PROCESS

The Engineering Department and the Hamilton Street Railway, as the major operating departments, prepare the master list of projects requiring capital financing in the next five years. The projects are identified by means of ongoing reviews, feedback from the public and needs studies. The Planning Department identifies any special projects that are required to implement the Official Plan or other more detailed plans. The Finance Department determines the financial constraints and analyzes the financial impacts of the projects.

Each project in the Capital Budget can be categorized under one of three main headings. The categories define whether the main purpose of the project is:

1. To accommodate new development,
2. To remove a potential safety or health problem, or
3. To increase the level of service provided to the users.

Projects required for new development can be further categorized as to whether their main purpose is to accommodate industrial or residential development.

Planning staff continually review the availability of vacant lands for development for residential and industrial purposes. In 1981, two reports were prepared that dealt with the status of land for development in these two categories. These were:

1. The Industrial Land Use Inventory 1980, and
2. The 1980 Population and Housing Monitoring Report.

The Housing Monitoring Report showed that there is more than sufficient serviced lands available to meet resident demands and recommends against spending further capital to service additional residential lands at this time.

The Industrial Inventory shows that, although there is industrial land designated and zoned, there are constraints to developing many of the sites. For attracting industrial development, it is considered important to have alternative development opportunities serviced and available.

On this basis, given the large inventory of serviced residential lands and the shortage of suitable industrial land, staff concludes that, in the immediate future, the development of industrial land should be the major priority in capital spending in the Region. Excepting the provision of facilities to those lands already committed for development by the Region, capital spending for projects to develop new residential areas should have a low priority.

Projects required for purposes other than development are prioritized in a manner that puts those for safety and health in the first priority and those to improve the level of service in a lower priority.

All project categories are combined in the following order or priority.

1. Projects for Public Safety and Environmental Upgrading are the first priority.
2. Projects required to accommodate additional Industrial and Commercial Development are second priority.
3. Projects required to implement committed residential growth are the third priority.
4. Projects required to improve the level of service are the fourth priority, and
5. Projects required to accommodate additional residential growth are the last priority.

If the preliminary review of the financial impacts show that it is necessary to exceed the financial constraints, then projects are dropped from the budget with the projects from the fifth priority dropped first, projects from the fourth priority next, etc.

The Appendix to the Capital Budget contains a listing of projects by project priority category. The Appendix listing shows the proposed timing and estimated cost of the project.

III FINANCIAL IMPACTS

The 1982-1986 Capital Budget has been prepared with a realistic view of the economics of the Region and of Canada. As the Capital Budget is a medium term vehicle to which the implementation of the long-term Official Plan can proceed, financial considerations are based on the current state of the Capital Market and of the economy.

In past years, Capital Budget debt projections were based on the interest factor assigned by the Province for Capital Expenditure Quota Applications, that being 10½% for 1979 and 11% for 1980 (both over a twenty year term). In 1981, the budget varied from the rate suggested by the Province. The rate of 13% over ten years was adopted based on the current state of the capital market.

After a careful review of the capital markets and consultation with our fiscal agents, the Region has adopted an interest rate of 17% over a ten year term. The net effect of utilizing this higher interest rate is to constrain the amount requiring debt financing. Therefore, the 1982-1986 Capital Budget has been prepared with close scrutinization of the projects being recommended for Council approval.

The 1982-1986 Capital Budget conforms to the policies established by Council (Schedule I). The debt projections (Schedules III-VI) have been prepared in accordance with the parameters established by Regional Council on August 15, 1978. To summarize, the debt charges for the years 1982 to 1986 are to be limited as a percent of adjusted revenue for a) Generally Rated - 10%; b) Storm Sewer - 45%; c) Sanitary Sewer - 45%; and d) Water - 40%.

There are two other policies which should be brought to light. First, that roadway projects will not be long-term financed and, secondly, that the level of expenditure will not exceed that level which can be supported by Provincial roadway subsidies. The 1982-1986 Capital Budget meets these financial policies.

Further to a Council recommendation approved April 7, 1981, the 1982-1986 Capital Budget contains a new section for Transit projects. A new policy will be recommended to Council to limit the debt for transit purposes to 25% of the levy for transit purposes. If Council approves this policy, then the submission of projects for this year's budget will be within the parameters.



FIVE YEAR CAPITAL BUDGET

Schedule I (a)

POLICIES ADOPTED BY REGIONAL COUNCIL

POLICIES ON CAPITAL FINANCING ADOPTED JULY 18, 1975

1. That the Region continues its policy of imposing a Capital Levy of 1/4 Mill equalized and that the Capital Levy be used to finance only those Capital Expenditures that would be part of the General Levy;
2. That the Regional Lot Levy be set aside for specific purposes and that if the full lot levy is charged it be set aside as follows:
 - 25% for General Purposes
 - 25% for Storm Sewers (in the City of Hamilton)
 - 25% for Sanitary Sewers
 - 25% for Water

NOTE: Percentage split was amended by Regional Council July 5, 1977

3. That Water Rates be maintained at a level that will permit all expenditures for Water including Capital Charges to be met from those rates and those surpluses created by Water Rates be set aside only for Water purposes;
4. That the Sanitary Sewer Revenue be maintained at a level that will permit all expenditures for Sanitary Sewers including Capital Charges to be met from the Sanitary Sewer Revenue and that any surplus created by the Revenue be set aside only for Sanitary Sewer purposes;
5. That the Levy for Storm Sewers be utilized only for Storm Sewer purposes and that all expenditures in respect of Storm Sewers be met from that Levy;

POLICY LIMITING REGIONAL ROADS DEBT, ADOPTED FEBRUARY 3, 1976

1. That no debentures be issued by the Region for road purposes for the existing Regional Roads system.

Continued....



FIVE YEAR CAPITAL BUDGET

Schedule I (b)

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

1. That the Region establish policies that will enable it to limit its annual debt charges for all tax supported services except for Water and Sanitary Sewers and Storm Sewers to 15% of the sum of the Regional General Levy and all unconditional grants for 1979, 1980 and 1981 and 10% for 1982 and subsequent years and that the Region not issue debentures on its own behalf for general purposes when that limit is exceeded.
2. That the Region establish policies that will enable it to limit its annual debt charges for Water purposes to 45% of the Water revenue for 1979, 1980, and 1981 and 40% for 1982 and subsequent years and that the Region not issue debentures for Water purposes on its own behalf when that limit is exceeded.
3. That the Region establish policies that will enable it to limit its annual debt charges for Sanitary Sewer purposes up to 50% of the Sanitary Sewer Revenues for 1979, 1980 and 1981 and 45% for 1982 and subsequent years and that the Region not issue debentures for Sanitary Sewer purposes on its own behalf when that limit is exceeded.
4. That the Region establish policies that will enable it to limit its annual debt charges for Storm Sewer purposes to 50% of the Levy for Storm Sewer purposes for 1979, 1980 and 1981 and 45% for 1982 and subsequent years.
5. That the Region curtail the issuance of debentures when the issuance of further debentures would make the annual debt charges for all Regional and area municipal purposes and sewer and water exceed 25% of the sum of the municipal levies, unconditional grants, water revenues and Sanitary Sewer Revenues for 1979, 1980 and 1981 and 20% for 1982 and subsequent years.
6. That the Commissioner of Finance discuss with the Area Municipalities the implications of the Area Municipalities establishing policies that will enable them to limit their annual debt charges for local municipal purposes to 20% of the sum of the total local municipal levy (excluding levies for regional and school purposes) and all local unconditional grants for 1979, 1980 and 1981 and 15% for 1982 onwards.

GENERALLY RATED PROJECTSPROJECTION OF DEBT CHARGES TO ADJUSTED REGIONAL LEVY
(000's)

	YEARLY ANALYSIS					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required				100	1,900	--
Existing Debt Charges	<u>5,571</u>	<u>5,116</u>	<u>5,072</u>	<u>4,742</u>	<u>4,509</u>	<u>4,466</u>
Capital Forecast Debt Charges					<u>22</u>	<u>430</u>
Total Debt Charges	<u>5,571</u>	<u>5,116</u>	<u>5,072</u>	<u>4,742</u>	<u>4,531</u>	<u>4,896</u>
Adjusted Regional Levy plus 5% per annum	67,589	70,968	74,516	78,243	82,155	86,266
Applicable % of Adjusted Regional Levy	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)
Less Debt Charges	<u>6,759</u> <u>5,571</u>	<u>7,097</u> <u>5,116</u>	<u>7,452</u> <u>5,072</u>	<u>7,824</u> <u>4,742</u>	<u>8,216</u> <u>4,531</u>	<u>8,627</u> <u>4,896</u>
	<u>1,188 S</u>	<u>1,981 S</u>	<u>2,380 S</u>	<u>3,082 S</u>	<u>3,685 S</u>	<u>3,731 S</u>
Debt Charges as a Percentage of Adjusted Regional Levy	8%	7%	7%	6%	6%	6%

NOTE: S = Surplus
D = Deficit

Calculations are based on debt issued at 17% - 10 years (.21466).

Debentures required excludes Regional Roads projected expenditures.

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

That the Region establish policies that will enable it to limit its annual debt charges for all tax supported services except for Water and Sanitary Sewers and Storm Sewers to 15% of the sum of the Regional General Levy and all unconditional grants for 1979, 1980 and 1981 and 10% for 1982 and subsequent years and that the Region not issue debentures on its own behalf for general purposes when that limit is exceeded.

STORM SEWERS (000's)						
	YEARLY ANALYSIS					
	1982	1983	1984	1985	1986	1987
Debentures Required	1,345	1,041	40	1,500	2,900	--
Existing Debt Charges	1,116	1,084	885	884	852	718
Capital Forecast Debt Charges	--	288	516	520	842	1,035
	<u>1,116</u>	<u>1,372</u>	<u>1,396</u>	<u>1,404</u>	<u>1,694</u>	<u>1,753</u>
Revenue plus 5% per annum	3,697	3,882	4,076	4,280	4,494	4,718
Applicable % of Storm Revenue	(45%)	(45%)	(45%)	(45%)	(45%)	(45%)
Less Debt Charges	1,664	1,747	1,834	1,926	2,022	2,123
	<u>1,116</u>	<u>1,372</u>	<u>1,396</u>	<u>1,404</u>	<u>1,694</u>	<u>1,753</u>
	<u>548 S</u>	<u>375 S</u>	<u>438 S</u>	<u>522 S</u>	<u>328 S</u>	<u>368 S</u>
Debt Issued to be Deferred						NIL
Debt Charges as a Percentage of Storm Sewer Revenue	30%	35%	34%	33%	38%	37%

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

That the Region establish policies that will enable it to limit its annual debt charges for Storm Sewer purposes to 50% of the Levy for Storm Sewer purposes for 1979, 1980 and 1981 and 45% for 1982 and subsequent years.

<u>SANITARY SEWERS</u> <u>(000's)</u>		<u>YEARLY ANALYSIS</u>				
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required	13,982	9,980	2,540	970	5,260	--
Existing Debt Charges	3,945	3,793	3,497	3,568	3,478	3,207
Capital Forecast Debt Charges	--	3,001	5,143	5,688	5,896	7,025
Total Debt Charges	3,945	6,794	8,640	9,256	9,374	10,232
Revenue	18,314	19,230	20,191	21,201	22,261	23,374
Applicable % of Sanitary Revenue	(45%)	(45%)	(45%)	(45%)	(45%)	(45%)
Less Debt Charges	8,241 3,945	8,653 6,794	9,086 8,640	9,540 9,256	10,017 9,374	10,518 10,232
	4,296 S	1,859 S	446 S	284 S	643 S	286 S
Debt Issues to be deferred						NIL
Debt Charges as a Percentage of Sanitary Sewer Revenue	22%	35%	43%	44%	42%	44%

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

That the Region establish policies that will enable it to limit its annual debt charges for Sanitary Sewer purposes up to 50% of the Sanitary Sewer revenues for 1979, 1980 and 1981 and 45% for 1982 and subsequent years and that the Region not issue debentures for Sanitary Sewer purposes on its own behalf when that limit is exceeded.

WATER PROJECTS
(000's)

	<u>YEARLY ANALYSIS</u>					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required	7,465	6,829	2470	459	3514	--
Existing Debt Charges	4,281	4,104	3,733	3,732	3,690	3,348
Capital Forecast Debt Charges	--	<u>1,602</u>	<u>3,068</u>	<u>3,598</u>	<u>3,696</u>	<u>4,450</u>
Total Debt Charges	<u>4,281</u>	<u>5,706</u>	<u>6,801</u>	<u>7,330</u>	<u>7,386</u>	<u>7,798</u>
Water Revenue plus 5% per annum	17,191	18,051	18,953	19,900	20,896	21,941
Applicable % of Water Revenue	(40%)	(40%)	(40%)	(40%)	(40%)	(40%)
Less Debt Charges	<u>7,736</u> <u>4,281</u>	<u>7,220</u> <u>5,706</u>	<u>7,581</u> <u>6,801</u>	<u>7,960</u> <u>7,330</u>	<u>8,358</u> <u>7,386</u>	<u>8,776</u> <u>7,798</u>
	<u>3,455 S</u>	<u>1,514 S</u>	<u>780 S</u>	<u>630 S</u>	<u>972 S</u>	<u>978 S</u>
Debt Issues to be Deferred						NIL
Debt Charges as a Percentage of Water Revenue	25%	32%	36%	37%	35%	36%

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

That the Region establish policies that will enable it to limit its annual debt charges for Water purposes to 45% of the Water revenue for 1979, 1980 and 1981 and 40% for 1982 and subsequent years and that the Region not issue debentures for Water purposes on its own behalf when that limit is exceeded.

TRANSIT SYSTEM
PROJECTION OF DEBT CHARGES TO ADJUSTED REGIONAL LEVY
(000's)

	YEARLY ANALYSIS					
	1982	1983	1984	1985	1986	1987
Debentures Required	1,937	2,454	1,965	1,960	530	--
Existing Debt Charges	349	240	130			
Capital Forecast Debt Charges		416	943	1,365	1,786	1,900
Total Debt Charges	349	656	943	1,365	1,786	1,900
Adjusted Regional Levy plus 5% per annum	9,774	10,263	10,776	11,315	11,880	12,474
Applicable % of Adjusted Regional Levy	(25%)	(25%)	(25%)	(25%)	(25%)	(25%)
Less Debt Charges	2,444	2,566	2,694	2,829	2,970	3,119
		656	1,073	1,365	1,786	1,900
	2,444 S	1,910 S	1,621 S	1,464 S	1,184 S	1,219 S
Debt Charges as a Percentage of Adjusted Regional Levy	4%	6%	10%	12%	15%	15%

NOTE: S = Surplus
D = Deficit

Calculations are based on debt issued at 17% - 10 years (.21466).

POLICIES THAT LIMIT DEBT, PROPOSED

That the Region establish policies that will enable it to limit its annual debt charges for Transit purposes to 25% of the Levy for Transit and that the Region not issue debt for Transit purposes on its own behalf when that limit is exceeded.

FIVE YEAR CAPITAL BUDGET

1982 - 1986

Schedule VII

Generally Rated	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1986 & 1987 After 1985	Authorized	Contemplated	1982	1983	1984	1985	1986
Transportation Services - Roads & Bridges	66558	37660	14805	3056	11037	4841	3884	2606	1305	1451	1791
Conservation Authority	3150	1333		1817	6196	1817	800	167	850		
Social & Family Services - Homes for the Aged	4950	2022	607	2321	321	2000	321			100	100
Community Planning & Development -											
Industrial Development	9150	1810	7340								
Total Generally Rated	83808	42825	22752	3056	15175	8658	5005	2773	2155	1551	3690
General Rate in Hamilton											
Environmental Services - Storm Sewers	35402	13324	5652	4700	11726	10799	2145	1991	1040	2550	4000
- Owner's Portion	5779		45	700	5334	3600	2034	1200	700	700	700
Total General Rate in Hamilton	41181	13324	5697	5100	17060	14399	4179	3191	1740	3250	4700
Sewer Surcharge											
Environmental Services - Sanitary Sewer System	92186	13961	34143	4950	39132	30584	14782	11380	3840	2470	6660
- Owner's Portion	11545		3444	700	7401	7053	1641	800	1460	2200	1300
Total Sewer Surcharge	103731	13961	37587	5650	46533	37637	16423	12180	5300	4670	7960
Water Rates											
Environmental Services - Waterworks	48520	3175	11727	5140	28478	20110	9806	8229	3770	1859	4814
- Owner's Portion	11944	1900	2734	700	6610	6610	310	800	1850	2250	1400
Total Water Rates	60464	5075	14461	5840	35088	26720	10116	9029	5620	4109	6214
Lot Levies											
Environmental Services - Sewage & Water	13826	12213	1613								
Transit System	37643	28797			8846	4529	1937	2454	1965	1960	530
TOTAL BUDGET	340653	116195	82110	19646	122702	91943	37660	29627	16780	15540	23095

PROJECT SUMMARY BY

PRIORITY CLASSIFICATION

PROJECT SUMMARY BY PRIORITY CLASSIFICATION

I	SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING	Cost**	Total
		000's	000's
(a)	Sanitary Sewers - Hamilton (5) *	1,025	
	- Dundas (2)	430	
	- Stoney Creek (4)	3,070	
		4,525	
		16,610	
	Storm Sewers - Hamilton (37)		
		930	
	Water - Hamilton (2)	490	
	- Stoney Creek (1)	1,420	
			29,100
(d)	Transportation		
	(i) Road Improvements (2)	889	
	(ii) Intersection Improvements (8)	5,656	
		6,545	
(a)	Plant Expansion and Environmental Upgrading		
	(a) Sewage (4)	22,800	
	(b) Water (8)	8,122	
		30,922	
			20,922
			60,022

* () - number of projects
 ** - represents total estimated cost of the projects

CAPITAL BUDGET (1981 - 1985)

PROJECT SUMMARY BY PRIORITY CLASSIFICATION

<u>II. INDUSTRIAL AND COMMERCIAL DEVELOPMENT</u>		<u>000's</u>	<u>Total 000's</u>
(A)	Hamilton Bayfront - Roads (1) *	32,224	
(B)	Q.E.W. Industrial Corridor - Sewers (2) - Water (1) - Roads (2)	3,140 1,380 4,184 8,704	
(C)	Ancaster Industrial Park - Sewers (1) - Water (2)	2,800 1,114 3,914	
(D)	Clappison's Corners Industrial Park - Sewers (1) - Water (1)	4,200 1,610 5,810	
(E)	Rymal Industrial Park - Road (3)	12,040 12,040	
(F)	Airport Industrial Area - Road (1)	1,044 1,044	
			<u>63,735</u>

* () - number of projects

CAPITAL BUDGET (1981 - 1985)

PROJECT SUMMARY BY PRIORITY CLASSIFICATION

III. EXISTING AND COMMITTED RESIDENTIAL AND RELATED DEVELOPMENT	000' s	Total 000' s
(A) Stoney Creek		
- Roads (1)*	3,000	
- Water (2)	354	
	<u>3,354</u>	
(B) Hamilton		
- Roads (2)	1,150	
- Sewers (3)	910	
- Water (3)	2,572	
	<u>4,632</u>	
(C) Ancaster		
- Roads (2)	769	
- Sewers (1)	2,100	
- Water (2)	1,520	
	<u>4,389</u>	
(D) Flamborough		
- Water (3)	<u>1,799</u>	
(E) Dundas		
- Water (3)	<u>734</u>	
		<u>14,908</u>
IV. LEVEL OF SERVICE		
Existing Residential Areas		
- Roads (4)	<u>3,391</u>	<u>3,391</u>
V. Additional Residential Growth	-	
GRAND TOTAL FOR ALL PROJECTS ---		<u>142,057</u>

* () - number of projects

LEGEND
X Start * Completion

SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
<u>(A) SANITARY SEWERS (HAMILTON)</u>							
1. Fife Street from Chestnut to Sherman Avenue	X-----*					65	- to replace overloaded combined sewers
2. MacNab Street from York Boulevard (formerly) Merrick Street to Barton Street	X-----*					590	
3. Hess Street from Barton Street to Stuart Street	X-----*					90	
4. Pumping Station S-W5 Rockcliffe Survey - Engineering			X-----*			80	- to service existing Rockcliffe and eliminate pollution
5. Chedoke Creek Pollution Control - Engineering				X-----*		200	- to reduce pollution to Coote's Paradise
<u>SANITARY SEWERS (DUNDAS)</u>							
1. Pleasant Avenue from Gate to Edenbridge Court	X-----*					200	- to reduce basement flooding
2. East Street Area & Gravity Sewer			X-----*			230	- to replace overloaded sanitary sewers
<u>SANITARY SEWERS (STONE CREEK)</u>							
1. Gray's Road from King Street to Collegiate Avenue		X-----*				170	
2. South Service Road from Lewis Road to Oriole Avenue		X-----*				800	
3. Oriole Avenue, Victoria Avenue, Winona Road, Hwy. #8		X-----*				1,300	- to eliminate local pollution
4. Sewage Pumping Station H-16, East Street				X-----*		800	- to provide outlet for local sewers

LEGEND
x Start * Completion

SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING

(1,000)
COST \$

REMARKS

	1982	1983	1984	1985	1986	
(B) STORM						
1. Strathcona Avenue from 40m South of York Street to Tom Street	X-----*					50
2. Charlton Avenue West from Dundurn Street to 132m Westerly	X-----*					110
3. Hess Street from Barton Street to Stuart Street	X-----*					150
4. Hunter Street from Emerald Street to Victoria Avenue	X-----*					120
5. Emerald Street from Wilson Street to King Street	X-----*					125
6. Roxborough Avenue from Graham Avenue to Park Row	X-----*					110
7. Sherman/Cannon Area - Relief Sewers	X-----*					575
8. Belview Avenue from Dunsmuir Road to Roxborough Avenue - Storm Relief Sewers	X-----*					200
9. Whitney Avenue, Leland Street Area - Storm Relief Sewer	X-----*					375
10. Upper James Street, Inverness Avenue to Duff Street	X-----*					200
11. Wexford from Main to Monterey and Monterey from Wexford to Huxley	X-----*					600
12. Greenhill Avenue Storage Treatment Basin - Construction				X-----*		3,000
13. Simcoe Street from John Street to Catharine Street		X-----*				80
14. Glencarry Avenue from Central Avenue to 82 Metres Northerly		X-----*				50

SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING

A6

LEGEND
Start Completion

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
15. Emerald Street from Main Street to 250m Southerly		X-----*				170	
16. Niagara and Munro Streets		X-----*				185	
17. Fullerton Avenue from Princess Street to 110m Southerly		X-----*				75	
18. Glendale Avenue from Barton Street to Primrose Avenue			X-----*			275	
19. Whitfield Avenue from Birmingham Street to Gage Avenue			X-----*			200	
20. Beach Road from Gage Avenue to Northcote Street				X-----*		450	
21. Warren Avenue from McElroy Avenue to Mohawk Road and on Mohawk Road to approximately 128 Metres Easterly				X-----*		600	
22. Adair, Roxborough and Parkdale to Barton Street				X-----*		800	
23. Park Row South from Main Street to Monterey Avenue - Storm Relief Sewers				X-----*		600	
24. Forest, Catharine Street				X-----*		600	
25. Balsam Avenue from Beechwood Avenue to 158 Metres South				X-----*		120	
26. Chedoke Creek Pollution Control - Engineering				X-----*		200	
27. Hoover Crescent, Welbourn Drive				X-----*		285	

LEGEND
X Start * Completion

SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING

(1,000)
COST \$

REMARKS

1986

1985

1984

1983

1982

28. James Street from Robinson Street to James Street - Mountain Road

600

X-----*

29. Catharine Street from Augusta Street to Young Street

90

X-----*

30. Augusta Street from John Street to Walnut Street

220

X-----*

31. Shaw Street, Cheever Street

200

X-----*

32. Franklin Road from East 27th Street to Upper Sherman Avenue

200

X-----*

33. D'Arcy Court from East 25th Street to 85m Easterly

65

X-----*

34. Catharine Street from King Street to Cannon Street

450

X-----*

35. Bay Street from Bold to Duke Street

80

X-----*

36. MacNab Street Storm Sewer, Cannon Street to Harbour

4,200

X-----

37. Kenilworth Avenue/McAnulty Boulevard Area - Storm Water Pumping Station

200

X-----

(C) WATER (HAMILTON)

1. Chlorination Pumping Station WH-5, Kenilworth Access

500

X-----*

2. Pumping Station W-H5A, Pump #3 - Construction

430

X-----*

- to insure disinfection of water supply
- to improve deficiency of the present system

LEGEND
X Start * Completion

SAFETY, HEALTH AND ENVIRONMENTAL UPGRADING

(1,000)
COST \$

REMARKS

WATER (STONE CREEK)

1. Dewitt Road from Hwy. #8 to Barton Street - Trunk Watermain - Construction

X-----*

490

- to improve deficiency in the existing system

(D) TRANSPORTATION

ROAD IMPROVEMENTS

1. Mill Street South - Mountain Brow to Hwy. #5

-----*

364

- horizontal and vertical alignment
- structural deficiency

2. Mohawk Road - Upper Wellington to Upper Wentworth

X-----*

525

INTERSECTION IMPROVEMENTS

1. Mohawk Road at McNiven - Construction

-----*

575

- relieve traffic conflicts

2. Fennell Avenue and Upper Gage

-----*

569

- relieve traffic conflicts

3. Fennell Avenue and Upper Sherman

-----*

544

- relieve traffic conflicts

4. Fennell Avenue and Upper Gage Street - Construction

-----*

481

- relieve traffic conflicts

5. Mohawk Road and Upper Ottawa Street - Construction

X-----

553

- relieve traffic conflicts

6. Main Street West, Paradise Road to Haddon

X-----

979

- relieve traffic conflicts

7. Mohawk Road and Upper Paradise Street

X-----*

509

- relieve traffic conflicts

8. Upper Gage, Concession Avenue to Mohawk Road

X-----*

850

PLANT EXPANSION AND ENVIRONMENTAL UPGRADING

LEGEND
x Start * Completion

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
(A) SEWAGE							
1. Woodward Avenue Treatment							
- Solids Handling	X-----*	-----*				13,000	- to increase plant capacity to meet anticipated treatment required
- Chlorination		X-----*				400	
- Computer Control		X-----*	-----*			1,200	
2. Windemere Basin Improvement							
	X-----*					5,000	- environmental upgrading of this portion of the Bay
3. Greenhill Avenue Storage Treatment Basin - Construction				X-----			
						3,000	- to reduce pollution in Red Hill Creek by controlling overflow from combined sanitary and storm sewer
4. King Street Sewage Treatment Plant Outfall Sewer, Dundas							
- Engineering					X-----	200	- to eliminate discharge of effluent from the King Street S.T.P. to Coote's Paradise

PLANT EXPANSION AND ENVIRONMENTAL UPGRADING

LEGEND
x Start * Completion

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
(B) WATER							
1. Reservoir W-AOA and Feedermain	-----					2,000	
2. Woodward Water Treatment Plant							
- Chlorination - Engineering	X-----*					70	
- Construction	X-----*	X-----*				400	
3. Reservoir W-H18, Ancaster - Construction	X-----		-----*			1,950	- to improve storage in Ancaster
4. Communal Water Supply System Lynden, Flamborough							
- Engineering		X-----	-----*			100	- to improve water quality to Lynden
5. Carlisle Elevated Water Storage Tank							
- Engineering		X-----	-----*			70	
- Construction		X-----	X-----	-----*		450	
6. Surge Protection - Pumping Station WH-1							
- Engineering				X-----*		50	
- Construction				X-----*	X-----	1,500	- to reduce risk of high pressure in watermains at pump stoppage
7. Pump and Standby Power for Well F4B					X-----*	200	

LEGEND
X Start * Completion

INDUSTRIAL DEVELOPMENT

(1,000)
COST \$

REMARKS

(A) HAMILTON BAY FRONT

ROADS

1. Burlington Street, Strathearne Avenue to Woodward Avenue

- Design, Land Acquisition and Construction

(B) Q.E.W. INDUSTRIAL CORRIDOR

SEWERS

1. Fruitland Road to East of Glover Road

- Trunk Sewer (Engineering and Construction)

- Locals

2. East of Glover Road to Lewis Avenue (Region's Portion)

- Trunk Sewer

- Locals

WATER

1. Watermain - Barton Street from Dewitt Road to Jones Road

- Engineering

- Construction

- to provide adequate access to the existing Bay Front industrial area
- structural deficiency
- increase capacity

- essential to initiate industrial development east to Glover Road

- essential to initiate industrial development east to Lewis Avenue and to solve pollution problem in Winona

32,224

1,300

1,840

80

1,300

INDUSTRIAL DEVELOPMENT

LEGEND

X Start * Completion

A12

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
<u>ROADS</u>							
1. Fruitland Road, Highway #8 to Barton Street						1,380	- primary access to industrial area from Q.E.W. - increase capacity
2. Barton Street - Green Road to Fruitland Road	X				*	2,873	- access from Hamilton - access to industries - increase capacity
(C) ANCASTER INDUSTRIAL PARK							
<u>SEWERS</u>							
- Pumping Station & Forcemain S-H13 - Construction		*				2,800	- essential to initiate industrial development in Ancaster
- Locals	X	*					
<u>WATER</u>							
1. Highway #53, Shavers Road to Hamilton Street and Hamilton Street from Highway #53 to Highway #2	X	*				534	- supply to industrial area
- Locals	X	*					
2. Industrial Park Trunk						580	
(D) CLAPPISON'S CORNERS INDUSTRIAL PARK							
<u>SEWERS</u>							
- Trunk - Engineering						300	- essential to initiate industrial development
- Construction	X	*			*	3,900	
- Locals					*		

LEGEND
X Start * Completion

INDUSTRIAL DEVELOPMENT

(1,000)
COST \$

REMARKS

WATER

1. Waterdown Trunk Watermain

- Construction

-----*

1,610

- essential to initiate industrial development

(E) RYMAL INDUSTRIAL PARK
(Hamilton and Glanbrook)SEWERS

- Locals

X-----*

- complete sewer system servicing industrial lands area

ROADS

1. Freeway System

- Land Acquisition

X-----

10,700

- essential to provide adequate access to industrial and other development south of escarpment

2. Upper Ottawa Street, Stone Church Road to Rymal Road

- Construction

X-----*

470

- increase capacity

3. Stone Church Road and C.N.R. Grade Separation

X-----*

870

- increase road capacity and improve road geometrics

(F) Airport Industrial Area

ROADS

1. Airport Access Road

X-----*

1,044

EXISTING AND COMMITTED RESIDENTIAL AND RELATED DEVELOPMENT

LEGEND
X Start * Completion

	1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
(A) STONEY CREEK							
ROADS							
1. Mud Street, Hwy. #20 to Mount Albion Road	X-----					3,000	- primary access to committed development
WATER							
1. Palm Court, Oakridge Drive and Glencannon Drive							
2. Falcon Road from Creanova Boulevard to 280m East		X-----*		X-----*		264	- interconnect pressure districts to maintain reliable flow
(B) HAMILTON						90	
ROADS							
1. Upper Gage Avenue - Thorley Street to Stone Church Road - Construction					X---	623	- access to committed development
2. Stone Church Road, Courtland Avenue Westerly				X-----*		527	- access to committed development
SEWERS							
1. Shaw Street - Cheever Street and connection on Emerald Street					X-----*	180	
2. Catharine Street from King Street to Cannon Street					X-----*	230	
3. Pumping Station S-W5 - Rockcliffe					X-----	500	

LEGEND
x Start * Completion

EXISTING AND COMMITTED RESIDENTIAL AND RELATED DEVELOPMENT

(1,000)
COST \$

REMARKS

1982 1983 1984 1985 1986

WATER

1. Normanhurst Avenue from Melvin to Barton

2. Stone Church Road - Trunk Watermain from Upper Ottawa Street to Upper Gage

- Engineering
- Construction

3. Pumping Station W-H6B on Stone Church Road to Tunbridge Crescent

- Engineering
- Construction

(C) ANCASTER

ROADS

1. Fiddler's Green Road - Wilson Street to Hwy. #53

2. Fiddler's Green Road, Widening of Hwy. #53 and Partial Interchange

SEWERS

1. Iona Trunk Sewer

- Engineering
- Construction

- connection of Ancaster system to the west-end Hamilton system below the escarpment

- access to committed development

X-----*

72

X-----*

40

890

X-----

X-----*

70

1,500

X-----

X-----*

639

X-----*

130

X-----*

100

2,000

X-----

LEGEND
X Start * Completion

EXISTING AND COMMITTED RESIDENTIAL AND RELATED DEVELOPMENT

	1992	1983	1984	1985	1986	(1,000) COST \$	REMARKS
<u>WATER</u>							
1. Hwy. #53 from 107m West of Southcote Road to Fiddler's Green Road							
- Engineering		X-----*				50	- augmentation of water supply from Hamilton
- Construction		X-----*				1,100	
2. Pumping Station WH-18 Pump #3 and #4						370	
(D) FLAMBOROUGH							
<u>WATER</u>							
1. Kelly Street Extension from Hamilton Street to Main Street							
- Watermains and Land		X-----*				79	- system reinforcement
2. Elevated Reservoir - Freeton							
- Engineering				X-----*		70	- improve reliability and fire protection capability of present system
- Construction				X-----*		650	
3. Lynden Water Supply				X-----*		1,000	
(E) DUNDAS							
<u>WATER</u>							
1. Pleasantview Water Supply							
- Engineering				X-----*		30	- unsatisfactory water supply

LEGEND
x Start * Completion

EXISTING AND COMMITTED RESIDENTIAL AND RELATED DEVELOPMENT

(1,000)
COST \$ REMARKS

1982	1983	1984	1985	1986	(1,000) COST \$	REMARKS
2. Morden Neighbourhood					560	
3. Main Street, Cook's Drive and Olympic Drive					144	
- Engineering				X-----*		

LEGEND
x Start * Completion

(1,000)
COST \$

LEVEL OF SERVICE

1982 1983 1984 1985 1986

REMARKS

(A) EXISTING RESIDENTIAL AREAS

ROADS

1. King Street - Stoney Brook Drive to Hwy. #8

893

*

2. Upper Sherman - Concession to Crockett

565

*

3. Barton Street - Ottawa to Kenilworth

515

*

4. York Road - Dundas Valley Road to Hwy. #6

1,418

*

- Increase capacity of Mountain Access Route

- Increase capacity of main arterial road

- poor alignment, need to alleviate accident situation of Hwy. #6

X

1982 - 1988

CAPITAL BUDGET

FINANCIAL REPORT



FIVE YEAR CAPITAL BUDGET

1982 - 1986

	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1982 & 1986 After 1986	Authorized	Contemplated	1982	1983	1984	1985	1986
<u>Generally Rated</u>											
Transportation Services - Roads & Bridges	66558	37660	14805	3056	11037	6196	3884	2606	1305	1451	1451
Conservation Authority	3150	1333			1817		800	167	850		
Social & Family Services - Homes for the Aged	4950	2022	607		2321	321	321			100	100
Community Planning & Development -											
Industrial Development	9150	1810	7340								
Total Generally Rated	83808	42825	22752	3056	15175	6517	5005	2773	2155	1551	1551
<u>General Rate in Hamilton</u>											
Environmental Services - Storm Sewers	35402	13324	5652	4700	11726	927	2145	1991	1040	2550	2550
- Owner's Portion	5779		45	700	5334	1734	2034	1200	700	700	700
Total General Rate in Hamilton	41181	13324	5697	5100	17060	2661	4179	3191	1740	3250	3250
<u>Sewer Surcharge</u>											
Environmental Services - Sanitary Sewer System	92186	13961	34143	4950	39132	8548	14782	11380	3840	2470	2470
- Owner's Portion	11545		3444	700	7401	348	1641	800	1460	2200	2200
Total Sewer Surcharge	103731	13961	37587	5650	46533	8896	16423	12180	5300	4670	4670
<u>Water Rates</u>											
Environmental Services - Waterworks	48520	3175	11727	5140	28478	8368	20110	8229	3770	1859	1859
- Owner's Portion	11944	1900	2734	700	6610		6610	800	1850	2250	2250
Total Water Rates	60464	5075	14461	5840	35088	8368	26720	9029	5620	4109	4109
<u>Lot Levies</u>											
Environmental Services - Sewage & Water	13826	12213	1613								
Transit System	37643	28797			9846	4317	4529	2454	1965	1960	1960
TOTAL BUDGET	340653	116195	82110	19646	122702	30759	37660	29627	16780	15540	15540

GENERALLY RATED

FINANCIAL REPORT

GENERALLY RATED PROJECTS

PROJECTION OF DEBT CHARGES TO ADJUSTED REGIONAL LEVY (000's)

	YEARLY ANALYSIS					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required				100	1,900	--
Existing Debt Charges	<u>5,571</u>	<u>5,116</u>	<u>5,072</u>	<u>4,742</u>	<u>4,509</u>	<u>4,466</u>
Capital Forecast Debt Charges					<u>22</u>	<u>430</u>
Total Debt Charges	<u>5,571</u>	<u>5,116</u>	<u>5,072</u>	<u>4,742</u>	<u>4,531</u>	<u>4,896</u>
Adjusted Regional Levy plus 5% per annum	67,589	70,968	74,516	78,243	82,155	86,266
Applicable % of Adjusted Regional Levy	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)
Less Debt Charges	<u>6,759</u> <u>5,571</u>	<u>7,097</u> <u>5,116</u>	<u>7,452</u> <u>5,072</u>	<u>7,824</u> <u>4,742</u>	<u>8,216</u> <u>4,531</u>	<u>8,627</u> <u>4,896</u>
	<u>1,188 S</u>	<u>1,981 S</u>	<u>2,380 S</u>	<u>3,082 S</u>	<u>3,685 S</u>	<u>3,731 S</u>
Debt Charges as a Percentage of Adjusted Regional Levy	8%	7%	7%	6%	5%	6%

NOTE: S = Surplus
D = Deficit

Calculations are based on debt issued at 17% - 10 years (.21466).

Debentures required excludes Regional Roads projected expenditures.

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

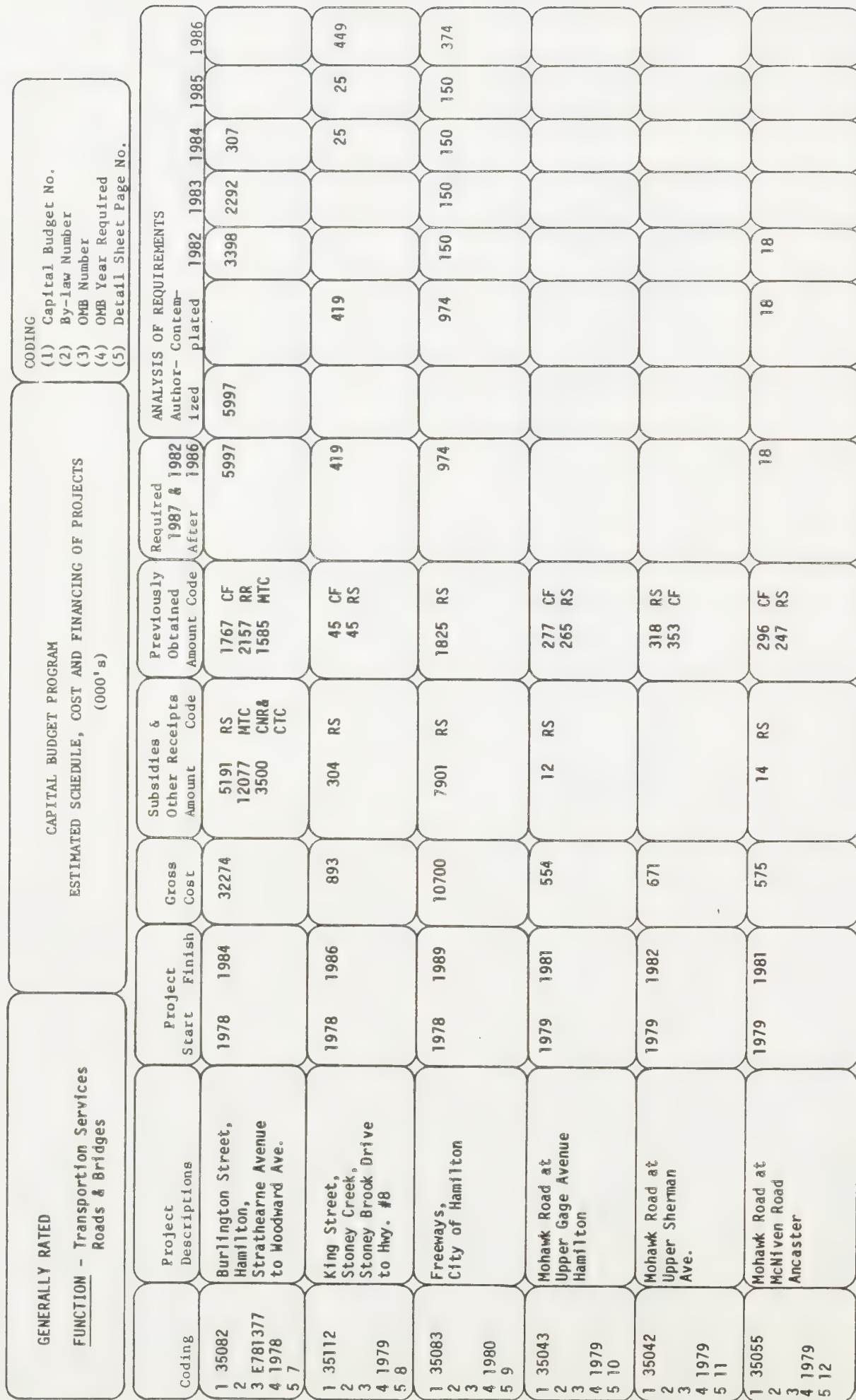
That the Region establish policies that will enable it to limit its annual debt charges for all tax supported services except for Water and Sanitary Sewers and Storm Sewers to 15% of the sum of the Regional General Levy and all unconditional grants for 1979, 1980 and 1981 and 10% for 1982 and subsequent years and that the Region not issue debentures on its own behalf for general purposes when



FIVE YEAR CAPITAL BUDGET

1

GENERALLY RATED			CAPITAL BUDGET PROGRAM				CODING								
FUNCTION - Transportation Services Roads & Bridges			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.								
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & After	Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 35056 2 3 4 1979 5 1	M111 Street South Flamborough Mountain Brow Road to Highway #5	1975	1984	921	87	RS	406 CF 334 RS	94			94		94		
1 35046 2 3 E80503 4 1979 5 2	Brock Road, Flamborough Hwy. #8 to Hwy. #5	1976	1982	1641	98	RS	639 CF 556 RS 348 MTC								
1 35054 2 3 4 1984 5 3	Fruitland Road Stoney Creek Barton Street to Hwy. #8	1976	1990	1310	599	RS	199 CF 14 RS	457 41		41					
1 35007 2 35048 3 35099 4 1980 5 4	Barton Street, Stoney Creek, Green Road to Fruitland Road	1976	1987	2873	904	RS	555 CF 417 MTC	484 513			513		10	503	
1 35111 2 3 4 1979 5 5	Mohawk Road at Garth Street Hamilton	1978	1981	460			250 CF 210 RS								
1 35087 2 3 E79256 4 1979 5 6	Gray's Road, Hamilton Arvin Avenue to Q.E.W.	1978	1982	2374	80 RS 1572 GRF 62 CNR 35 UTIL		263 CF 163 RR	199	199		199				





FIVE YEAR CAPITAL BUDGET

3

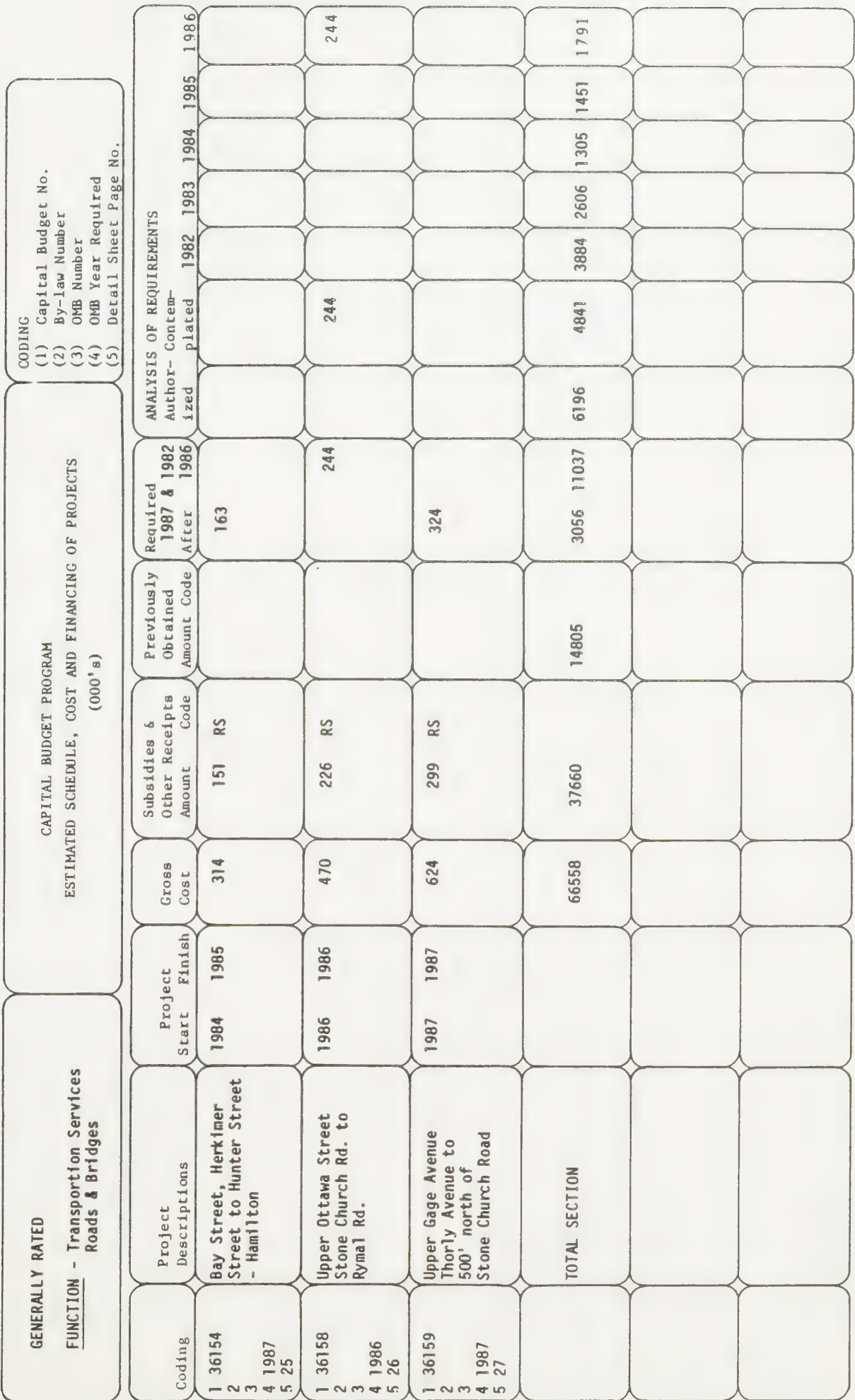
GENERALLY RATED		CAPITAL BUDGET PROGRAM				CODING									
FUNCTION - Transportation Services Roads & Bridges		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.									
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- sized	1982	1983	1984	1985	1986	
1 35166 2 3 4 1980 5 13	Fennell Avenue at Upper Gage Avenue Hamilton	1980	1984	569	233	RS	68 CF 39 RS	229		229	21	20	188		
1 35120 2 3 4 1980 5 14	Fennell Avenue at Upper Sherman Hamilton	1980	1982	544	230	RS	68 CF 36 RS	210		210	18	16	176		
1 36004 2 3 4 1981 5 15	Upper Sherman Avenue - Berko to Limeridge Hamilton	1981	1981	429	26	RS	221 CF 182 RS								
1 36008 2 3 4 1981 5 16	Fennell Avenue at Upper Ottawa Street Hamilton	1981	1985	481	235	RS	21 CF	225		225	16	14	195		
1 36009 2 3 4 1985 5 17	Mohawk Road at Upper Ottawa Street Hamilton	1982	1986	553	264	RS	11 CF	278		278			34	244	
1 35182 2 3 4 1985 5 18	Main Street West Paradise Road at Haddon	1982	1988	979	466	RS	9 CF	406		98	6		50	42	



FIVE YEAR CAPITAL BUDGET

4

GENERALLY RATED		CAPITAL BUDGET PROGRAM					CODING				
FUNCTION - Transportation Services Roads & Bridges		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated 1982 1983 1984 1985 1986			
1 35165 2 3 4 1988 5 19	Mud Street, Stoney Creek, Hwy. #20 to Mount Albion Road	1981	1988	3000	1163 RS	348 CF 268 RS	1221				
1 36010 2 3 4 1983 5 20	Fiddlers Green Road Ancaster, Hwy. #403 Partial Interchange and Widening of Hwy. #53	1983	1984	130	63 RS		67	67	15	52	
1 36011 2 3 4 1982 5 21	Airport Access Roads - Ancaster and Glanbrook	1982	1984	1044	205 RS 634 FED		205	205	17	113	75
1 36012 2 3 4 1984 5 22	Mohawk Road - Upper Wellington to Upper Wentworth	1984	1985	525	257 RS		268	268		214	54
1 36013 2 3 4 1985 5 23	Cannon Street Wellington Street to Bay Street	1985	1985	800	360 RS		440	440			440
1 36014 2 3 4 1986 5 24	Upper Gage Ave., Concession Ave to Mohawk Rd. -Reconstruction	1986	1986	850	412 RS		438	438			438





FUNCTION - Conservation Authority

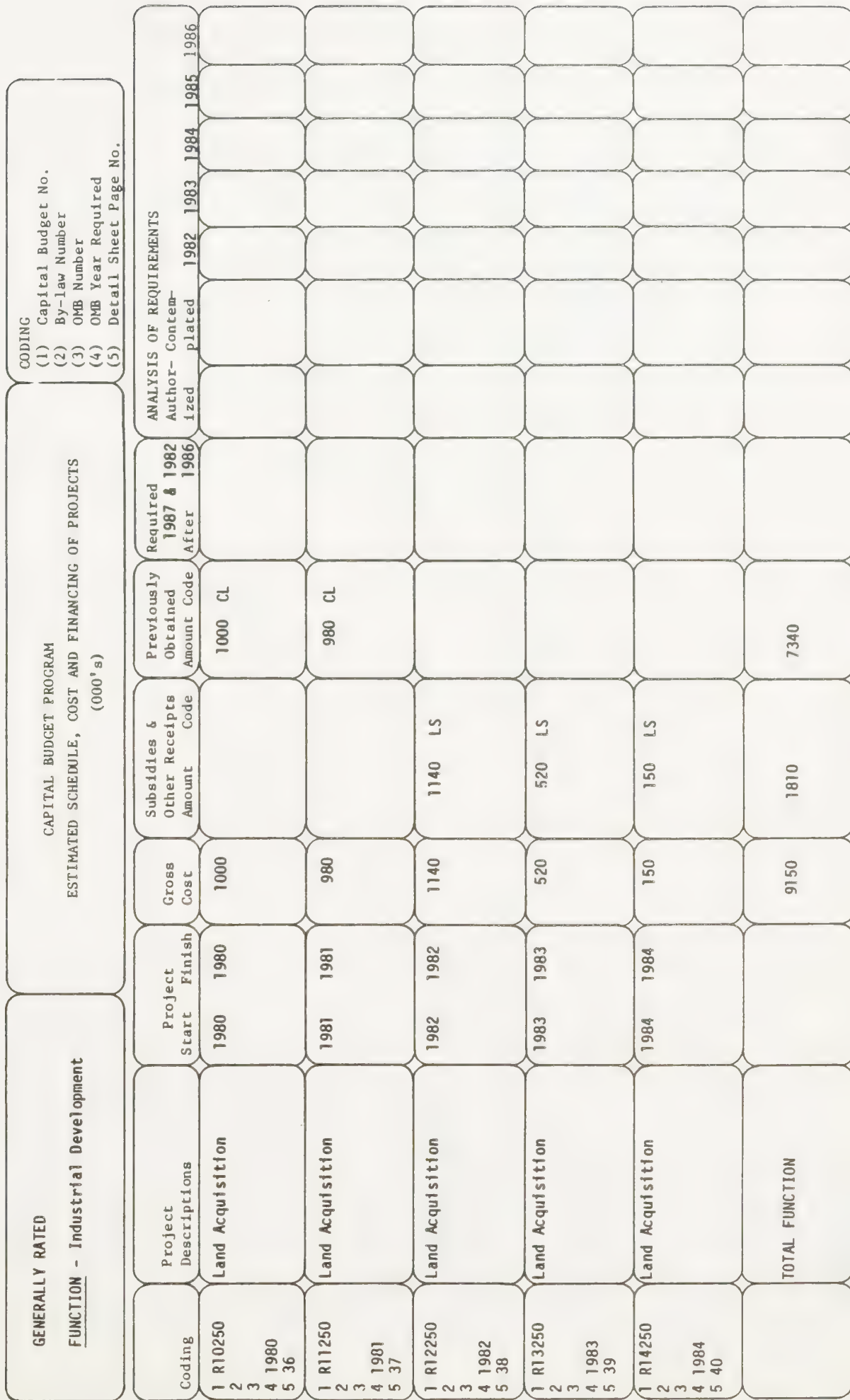
CAPITAL BUDGET PROGRAM

ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS
(000' s)

CODING

- | | |
|-----|--------------------|
| (1) | Capital Budget No. |
| (2) | By-law Number |
| (3) | OMB Number |
| (4) | OMB Year Required |
| (5) | Detail Sheet Page |

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GENERAL RATE IN

HAMILTON

FINANCIAL REPORT

STORM SEWERS
(000's)

	<u>YEARLY ANALYSIS</u>					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required	1,345	1,041	40	1,500	2,900	--
Existing Debt Charges	1,116	1,084	885	884	852	718
Capital Forecast Debt Charges	--	288	516	520	842	1,035
	<u>1,116</u>	<u>1,372</u>	<u>1,396</u>	<u>1,404</u>	<u>1,694</u>	<u>1,753</u>
Revenue plus 5% per annum	3,697	3,882	4,076	4,280	4,494	4,718
Applicable % of Storm Revenue	(45%)	(45%)	(45%)	(45%)	(45%)	(45%)
Less Debt Charges	1,664	1,747	1,834	1,926	2,022	2,123
	<u>1,116</u>	<u>1,372</u>	<u>1,396</u>	<u>1,404</u>	<u>1,694</u>	<u>1,753</u>
	<u>548 S</u>	<u>375 S</u>	<u>438 S</u>	<u>522 S</u>	<u>328 S</u>	<u>368 S</u>
Debt Issued to be Deferred						NIL
Debt Charges as a Percentage of Storm Sewer Revenue	30%	35%	34%	33%	38%	37%

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)

POLICIES THAT LIMIT DEBT, ADOPTED AUGUST 15, 1978

That the Region establish policies that will enable it to limit its annual debt charges for Storm Sewer purposes to 50% of the Levy for Storm Sewer purposes for 1979, 1980 and 1981 and 45% for 1982 and subsequent years.



FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					CODING (1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.										
FUNCTION - Environmental Services Storm Sewers																	
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	1987 & 1982 1986	ANALYSIS OF REQUIREMENTS Author- Contem- plated					1982	1983	1984	1985	1986
1 36207 2 R77-82 3 E761279 4 1976 5 41	McNab Street Trunk Storm Sewer Cannon Street to Harbour Engineering and Environmental Assessment	1976	1979	300	50 RES	250 D											
1 H1204 H2303 H2304 2 3 E771844 E771839 E771840 4 1977 5 42	Limeridge Rd. from 510' west of Upper Sherman to 733' west of Upper Wellington U. Wentworth St. from Limeridge to Mohawk Rd., Upper Wellington St. from Limeridge Rd. to Bryna Avenue - Region's Portion (O.H.A.P. - 996/1978)	1977	1978	1229		713 OHAP 236 MTC	280	280									
1 37224 2 R78-90 3 E771909 4 1977 5 43	South West Central Area, Reconstruction of Sewers on Duke St. from James St. to Caroline Street	1977	1978	89		89 CF											
1 37223 2 R78-91 3 E771745 4 1977 5 44	Bold Street from James Street to Charles Street	1977	1978	54		54 CF											
1 35200A 2 R77-68 3 E762112 4 1976 5 45	Gershome Trunk Storm Sewer - Construction	1978	1979	385	65 RES	320 D											



FIVE YEAR CAPITAL BUDGET

12

GENERAL RATE IN HAMILTON		CAPITAL BUDGET PROGRAM				CODING								
FUNCTION - Environmental Services Storm Sewers		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.								
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After	Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 36208A 2 R78-88 3 E771526 4 1977 5 46	Mountain Industrial Trunk Sewer, Western Connection - Construction	1978	1979	394		350 D 44 MOE & MTC								
1 38243 2 3 E781690 4 1978 5 47	Wentworth St. from Main St. to TH&B Mainline - Construction	1978	1979	312		148 MTC 164 CF								
1 H2309 2 R79-68 3 E79157 4 1978 5 48	U. Wentworth St. and Stone Church Rd. from 430m N. of Stone Church Rd. to 240m W. of Upr. Wentworth St.	1979	1981	1700	30 MTC	1233 CF	437	437		437				
1 38244 2 R79-95 3 E79147 4 1978 5 49	Dunsmure, Crosth. Barons to Barton St.	1978	1980	671		220 MTC 451 CF								
1 39214 2 3 E79230 4 1979 5 50	Charlton System - Storm Sewers	1979	1979	261		100 MTC 161 CF								
1 39216 2 3 E79231 4 1979 5 51	Young St., James St. to Catherine St. - Storm Sewer	1979	1979	96		45 MTC 51 CF								



FIVE YEAR CAPITAL BUDGET

14

GENERAL RATE IN HAMILTON		CAPITAL BUDGET PROGRAM					CODING	
FUNCTION - Environmental Services		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No.	(2) By-law Number
Storm Sewers							(3) OMB Number	(4) OMB Year Required
							(5) Detail Sheet Page No.	
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After
								ANALYSIS OF REQUIREMENTS Author- Contem- sized plated 1982 1983 1984 1985 1986
1 30236	Caroline Street from Bold St. to 52 metres northerly - Sever reconstruct.	1981	1981	30	15 MTC 15 RES			
2								
3								
4 1981								
5 58								
1 30215	Greenhill Ave. Stor. Treatment Basin -Engineering & Land	1980	1981	220	220 RES			
2								
3 E80122								
4 1980								
5 59								
1 30232	Strathcona Avenue from 40m south of York St. to Tom St. - Storm Sewers	1981	1981	50	20 MTC 30 CF			
2								
3								
4 1981								
5 60								
1 31223	Caroline St. from King St. to George St.	1981	1981	75	35 MTC 23 CF		17 CF	
2								
3 E81425								
4 1981								
5 61								
1 31225	Birge St. from Wentworth St. to Cheever Street	1981	1981	110	40 MTC 9 CF		61 CF	
2								
3 E81194								
4 1981								
5 62								
1 31226	Emerald St. from Evans St. to Wilson St. and Barton St. to Cannon Street	1981	1981	250	120 MTC 72 CF 58 RES			
2								
3 E81112								
4 1981								
5 63								



FIVE YEAR CAPITAL BUDGET

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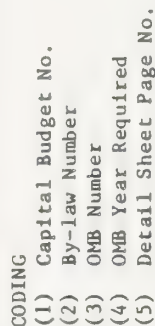
GENERAL RATE IN HAMILTON			CAPITAL BUDGET PROGRAM					CODING					
FUNCTION - Environmental Services Storm Sewers			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.					
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated				
1 31227 2 3 E81426 4 1981 5 64	Spadina - Vineland	1981	1981	200	80 77	MTC CF	43 CF		1982	1983	1984	1985	1986
1 31228 2 3 E81568 4 1981 5 65	Locke St. from King St. to Napier St.	1981	1981	90	36	MTC	22 CF	32	32				
1 31229 2 3 E81567 4 1981 5 66	Queen St. from Barton St. to Napier	1981	1981	600	150 30 420	MTC TR RES							
1 31230 2 3 E81565 4 1981 5 67	Locke St. from Peter Street to Florence Street	1981	1981	32	12 7	MTC RES	13 CF						
1 32235 2 3 4 1982 5 68	Charlton Ave. W. from Dundurn St. to 132m Westerly	1982	1982	110	50 60	MTC RES							
1 32236 2 3 4 1982 5 69	Hess Street from Barton St. to Stuart Street	1982	1982	150	65	MTC		85	85				



FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON		CAPITAL BUDGET PROGRAM				CODING							
FUNCTION - Environmental Services		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS				(1) Capital Budget No.							
Storm Sewers		(000's)				(2) By-law Number							
						(3) OMB Number							
						(4) OMB Year Required							
						(5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After	Author-Contem- sized	1982	1983	1984	1985	1986
1 31220	Garfield - Vineland	1981	1982	285	114 MTC 100 CF		71	71					
2 3 E811148													
3 4 1981													
5 70													
1 31222	Garfield Ave. North & Fairholt Rd. N. Area	1981	1982	75	30 MTC 40 CF								
2 3 E811148													
3 4 1981													
5 71													
1 32230	Province St. from King St. to 150m. southerly - Storm Sewers	1982	1982	95	42 MTC 53 RES								
2 3 4 1982													
5 72													
1 32231	Hunter Street from Emerald St. to Victoria Avenue - Storm Sewers	1982	1982	120	50 MTC		70		70				
2 3 4 1982													
5 73													
1 32232	Emerald Street from Wilson St. to King Street	1982	1982	125	55 MTC		70		70				
2 3 4 1982													
5 74													
1 32233	Roxborough Ave. from Graham Ave. to Park Row	1982	1982	110	50 MTC		60		60				
2 3 4 1982													
5 75													



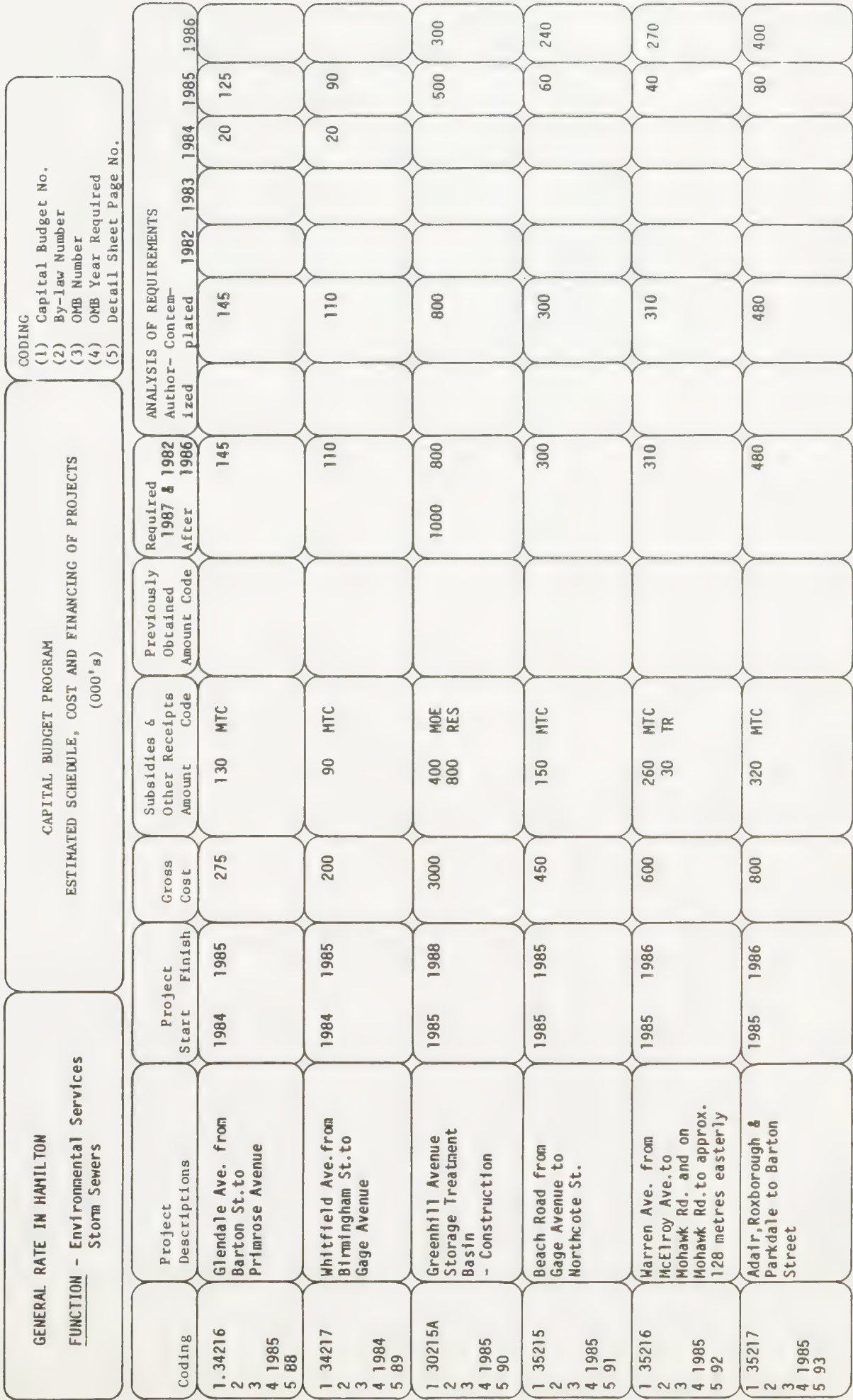
GENERAL RATE IN HAMILTON		CAPITAL BUDGET PROGRAM				CODING											
FUNCTION - Environmental Services Storm Sewers		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000'9)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.											
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author-Contem-ized platel					1982	1983	1984	1985	1986
1 36224 2 3 4 1982 5 76	D'Arcy Court from East 25th Street to 85 m Easterly	1982	1982	65	29 MTC		36				36						
1 32234 2 3 4 1982 5 77	Sherman - Cannon Area Relief Sewers - Construction	1982	1983	575	245 MTC 30 TR 50 RES		250				250			250			
1 32225 2 3 4 1982 5 78	Belview Ave. from Dunsmuir Road to Roxborough Avenue Storm Relief Sewers - Construction	1982	1983	200	90 MTC 50 RES		60				60			60			
1 32227 2 3 4 1982 5 79	Whitney Ave., Leland Street Area, Storm Relief Sewer - Construction	1982	1983	375	180 MTC 50 RES		145				145		45	100			
1 32219 2 3 4 1982 5 80	Upper James Street Inverness Ave. to Duff Street	1982	1983	200	80 MTC 20 TR		100				100		30	70			
1 32218 2 3 4 1982 5 81	Wexford from Main to Monterey & Monterey from Wexford to Huxley	1982	1983	600	225 MTC		375				375		200	175			



FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON			CAPITAL BUDGET PROGRAM				CODING						
FUNCTION - Environmental Services Storm Sewers			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.						
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & After	1982	1983	1984	1985	1986
1 32228 2 3 4 1982 5 82	Gibson Ave. from Cannon St. to Barton St.-Reconstruction of Sewers - Construction	1982	1983	240	100 MTC 140 RES								
1 33244 2 3 4 1983 5 83	Simcoe Street from John St. to Catherine Street	1983	1983	80	35 MTC			45	45	45			
1 33246 2 3 4 1983 5 84	Glencarry Ave. from Central Ave. to 82 metres northerly	1983	1983	50	20 MTC			30	30	30			
1 33247 2 3 4 1983 5 85	Emerald Street from Main St. to 250m southerly	1983	1983	170	80 MTC			90	90	90			
1 33248 2 3 4 1983 5 86	Niagara & Munro Streets - Storm Sewers	1983	1983	185	80 MTC			105	105	105			
1 33249 2 3 4 1983 5 87	Fullerton Ave. from Princess St. to 110m Southerly	1983	1983	75	30 MTC			45	45	45			



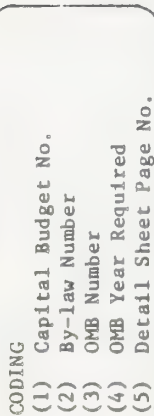


FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON			CAPITAL BUDGET PROGRAM				CODING						
FUNCTION - Environmental Services Storm Sewers			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.						
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated				
									1982	1983	1984	1985	1986
1 35226 2 3 4 1985 5 94	Park Row South from Main Street to Monterey Ave., Storm Relief Sewers - Constructions	1985	1986	600	250	MTC		350		350		50	300
1 35242 2 3 4 1985 5 95	Forest, Catherine St. - Storm Sewer	1985	1986	600	250 50	MTC RES		300		300		300	
1 35243 2 3 4 1985 5 96	Balsam Avenue from Beechwood Avenue to 158 Metres south	1985	1986	120	50	MTC		70		70		20	50
1 35219 2 3 4 1985 5 97	Hoover Crescent Welbourn Drive	1985	1986	285	115	MTC		170		170		85	85
1 35224 2 3 4 1985 5 98	James Street from Robinson Street to James Street - Mountain Road	1985	1986	600	200 240	MTC TR		160		160		50	110
1 35220 2 3 4 1985 5 99	Catherine Street from Augusta Street to Young Street	1985	1986	90	40	MTC		50		50		30	20



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FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON		CAPITAL BUDGET PROGRAM					CODING								
FUNCTION - Environmental Services Storm Sewers		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.								
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After	Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 81000 2 3 4 1981 5 108	Rated Storm Sewers & Minor Improvements - 1981 - Region's Portion	1981	1982	1600	400 300	MTC TR	450 CF	450 CF		450	450				
1 82000 2 3 4 1982 5 109	Rated Storm Sewers & Minor Improvements 1982 - Region's Portion	1982	1983	1500	400 300	MTC TR		800 CF		800	350	450			
1 83000 2 3 4 1983 5 110	Rated Storm Sewers & Minor Improvements 1983 - Region's Portion	1983	1984	1600	400 200	MTC TR		1000 CF		1000		500	500		
1 84000 2 3 4 1984 5 111	Rated Storm Sewers & Minor Improvements 1984 - Region's Portion	1984	1985	1700	500 200	MTC TR		1000 CF		1000			500	500	
1 85000 2 3 4 1985 5 112	Rated Storm Sewers & Minor Improvements 1985 - Region's Portion	1985	1986	1800	500 200	MTC TR		1100 CF		1100				550	550
1 86000 2 3 4 1986 5 113	Rated Storm Sewers & Minor Improvements 1986 - Region's Portion	1986	1987	1900	600 200	MTC TR		550 CF		550					550

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FIVE YEAR CAPITAL BUDGET

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GENERAL RATE IN HAMILTON			CAPITAL BUDGET PROGRAM				CODING				
FUNCTION - Environmental Services Storm Sewers			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No.	(2) By-law Number	(3) OMB Number	(4) OMB Year Required	(5) Detail Sheet Page No.
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated			
								1982	1983	1984	1985 1986
1 78000A 2 3 4 1977-78 5	Rated Storm Sewers & Minor Improvements 1977 - Owner's Portion	1977	1979	266			266	266			
1 79000A 2 3 4 1979 5	Rated Storm Sewers & Minor Improvements 1979 - Owner's Portion	1979	1980	600			600	600			
1 80000A 2 3 4 1980 5	Rated Storm Sewers Minor Improvements 1980 - Owner's Portion	1980	1981	600			600	600	300	300	
1 81000A 2 3 4 1981 5 108	Rated Storm Sewers Minor Improvements 1981 - Owner's Portion	1981	1982	500			500	500	250	250	
1 82000A 2 3 4 1982 5 109	Rated Storm Sewers Minor Improvements- 1982 - Owner's Portion	1982	1983	700			700	700	350	350	
1 83000A 2 3 1983 4 1983 5 110	Rated Storm Sewers & Minor Improvements 1983 - Owner's Portion	1983	1984	700			700	700	300	400	

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SANITARY SEWERS

FINANCIAL REPORT

SANITARY SEWERS
(000's)

	<u>YEARLY ANALYSIS</u>					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required	13,982	9,980	2,540	970	5,260	--
Existing Debt Charges	3,945	3,793	3,497	3,568	3,478	3,207
Capital Forecast Debt Charges	--	3,001	5,143	5,688	5,896	7,025
Total Debt Charges	<u>3,945</u>	<u>6,794</u>	<u>8,640</u>	<u>9,256</u>	<u>9,374</u>	<u>10,232</u>
Revenue	18,314	19,230	20,191	21,201	22,261	23,374
Applicable % of Sanitary Revenue	(45%)	(45%)	(45%)	(45%)	(45%)	(45%)
Less Debt Charges	8,241	8,653	9,086	9,540	10,017	10,518
	<u>3,945</u>	<u>6,794</u>	<u>8,640</u>	<u>9,256</u>	<u>9,374</u>	<u>10,232</u>
	<u>4,296 S</u>	<u>1,859 S</u>	<u>446 S</u>	<u>284 S</u>	<u>643 S</u>	<u>286 S</u>
Debt Issues to be deferred						NIL
Debt Charges as a Percentage of Sanitary Sewer Revenue	22%	35%	43%	44%	42%	44%

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)



FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE		CAPITAL BUDGET PROGRAM					CODING				
FUNCTION - Environmental Services Sanitary Sewers System		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated		
									1982	1983	1984 1985 1986
1 38224 2 3 G9489-69 4 1964 5 114	Secondary Sewage Treatment Plant, Hamilton - Engineering - Construction	1964	1975	23080	3847	CMHC	420 D 7512 CMHC 7936 OMRC 10 CF	3355	3355	3355	
1 34702 2 45-74 3 E741839 4 1974 5 115	Expansion of Sewage Treatment Plant Design, King Street Dundas 1977	1974	1977	200			200 CF				
1 35704 2 R76-129 3 E752265 4 1975 5 116	Eastern Trunk Sanitary Sewer- King Street Plant to York Road (OHAP) 200/1978	1975	1978	800			200 OHAP 104 MOE 41 CMHC 387 CF	68	68		
1 34701 2 R76-129 3 E752265 4 1975 5 117	Western Sanitary Trunk Sewer - Phase I & Phase II Dundas (OHAP - 1,000/1978	1975	1978	1462			40 SL 1000 OHAP 79 MOE 230 CMHC 113 CF				
1 35238 2 R76-56 3 E752374 4 1975 5 118	Mountain Industrial Trunk Sanitary Sewer & Branch Sewers between Stone Church Road & Rymal Road	1975	1976	890	125	MOE	300 D 285 CMHC 180 CF				
1 35903 2 E77-67 3 E761805 4 1976 5 119	Stoney Creek Valley from Battlefield Creek to Queenston Road - Construction	1976	1978	460	100	MOE	80 CF 280 D				



FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					CODING				
FUNCTION - Environmental Services Sanitary Sewers System							(1) Capital Budget No.	(2) By-law Number	(3) OMB Number	(4) OMB Year Required	(5) Detail Sheet Page No.
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	1987 & 1982 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated			
								1982	1983	1984	1985
1 36226A 2 R78-92 3 E771632 4 1976 5 120	Woodward Ave. Sewage Treatment Plant, Expansion Phase I - Construction	1976	1979	8000		1727 D 839 MOE 5607 CMHC 769 CF					
1 H1204 H2303 H2304 2 3 E771844 E771839 E771840 4 1977 5 121	Limeridge Road Upper Wentworth Street, Upper Wellington Street - Region's Portion (OHAP -220/1978)	1977	1978	305		220 OHAP	85	85			
1 37223 2 R78-91 3 E771745 4 1977 5 122	Bold Street from James Street to Charles Street	1977	1978	30		30 CF					
1 37224 2 R78-90 3 E771909 4 1977 5 123	South West Central Area, Reconstruction of Sewers on Duke between MacNab Street and Park St.	1977	1978	69		69 CF					
1 36208A 2 R78-88 3 E771526 4 1977 5 124	Mountain Industrial Sewer, Western Connection Construction	1977	1978	212		170 D 26 MOE & 16 MTC CF					



FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE			CAPITAL BUDGET PROGRAM				CODING				
FUNCTION - Environmental Services Sanitary Sewers System			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.				
Coding	Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated				
							1982	1983	1984	1985	1986
1 37211 2 R78-102 3 E771524 4 1977 5 125	Q.E.W. Sanitary Trunk from Devitt Road to Fruitland Road	1977 1979	800		664 CF 136 MOE						
1 37210 2 R78-96 3 E771525 4 1977 5 126	Ancaster Industrial Pumping Station and Force Main (H13) - Engineering & Land	1977 1979	200		170 D	30	30				
1 37226B 2 R77-133 3 E771270 4 1977 5 127	Woodward Avenue - Sewage Treatment Plant - Expansion Phase II Engineering-	1977 1980	200	25 MOE	160 D	15	15				
1 38230 2 3 E781691 4 1978 5 128	Ricvill Steam System Woodward Avenue STP - Construction	1978 1978	360		325 CF	35	35				
1 38242 2 3 E78768 4 1978 5 129	Hilton Street from Markland Street to Aberdeen Avenue, Sewer Reconstruction	1978 1978	40		40 CF						
1 33240A 2 3 E781817 4 1979 5 130	Mountain Industrial Trunk Sanitary Sewer Rymal Road to 850m Southerly Construction	1979 1980	370		357 CF	13	13				



FIVE YEAR CAPITAL BUDGET

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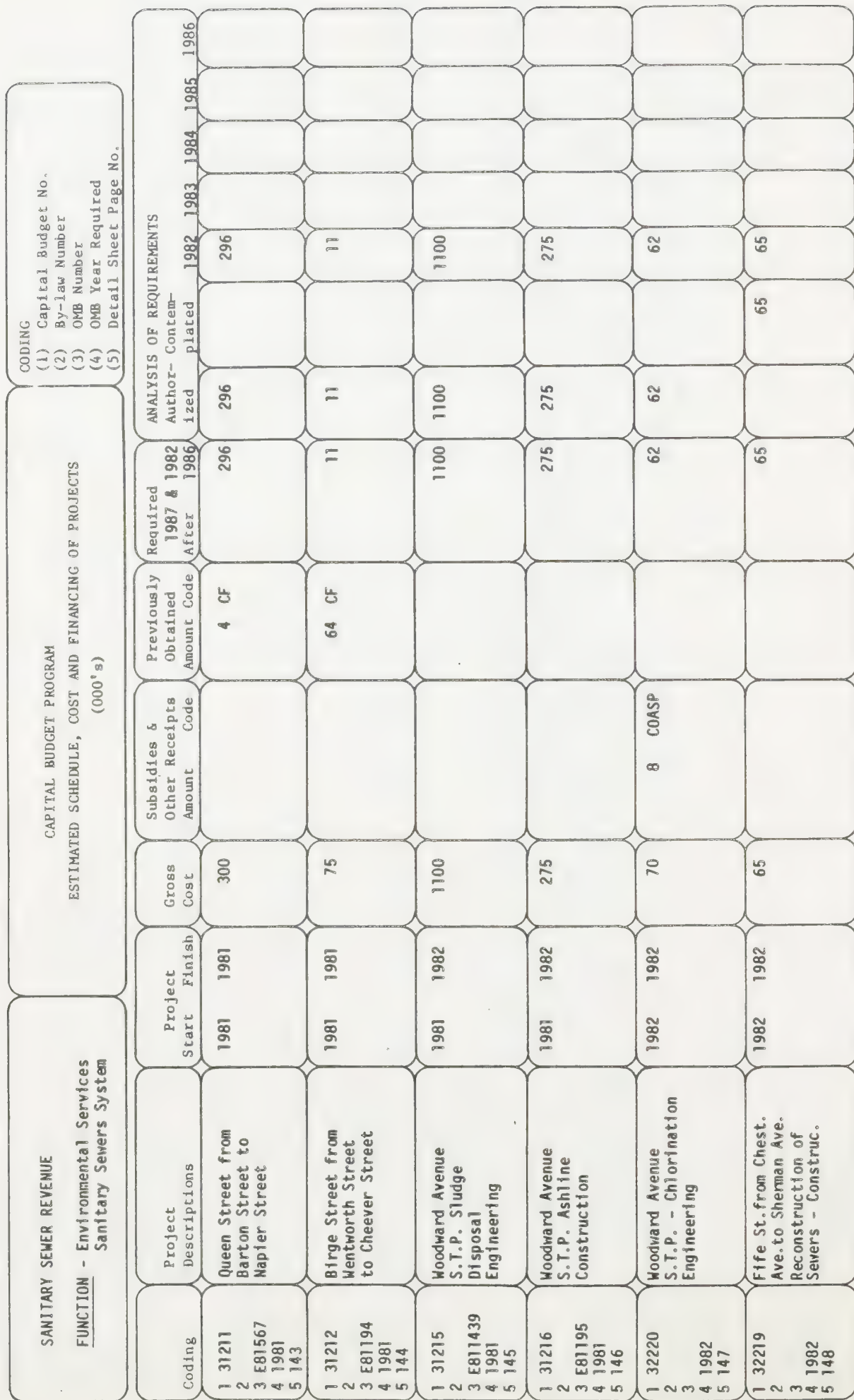
SANITARY SEWER REVENUE		CAPITAL BUDGET PROGRAM					CODING				
FUNCTION - Environmental Services Sanitary Sewers System		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated 1982 1983 1984 1985 1986			
1 39215 2 3 E79229 4 1979 5 131	Jackson Street from John Street to Spring Street	1979	1979	60			60	60			
1 39214 2 3 E79230 4 1979 5 132	Charlton, Aurora, Forest Avenue and Wellington Street- Repairs	1979	1979	30		30 CF					
1 39216 2 3 E79231 4 1979 5 133	Young Street, James Street to Catherine Street	1979	1979	20		20 CF					
1 39222 2 3 E791152 4 1979 5 134	Q.E.W. Trunk Sewer from Fruitland Road to Jones Road - Engineering	1979	1980	150		20 CF	130	130			
1 37210A 2 3 E791670 4 1979 5 135	Ancaster Industrial Pumping Station & Force Main S-H13 - Construction	1979	1983	2800	300 MOE		2500	1800	700	1000	1500
1 30233 2 3 E80328 4 1980 5 136	Burton Street from Victoria Avenue to Wentworth Street	1980	1980	220	85 MTC	73 MTC	62	62		62	

FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE			CAPITAL BUDGET PROGRAM				CODING							
FUNCTION - Environmental Services Sanitary Sewers System			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- sized plated 1982 1983 1984 1985 1986					
1 30207 2 3 4 1980 5 137	Caroline Street from Bold Street to 52m northerly - Reconstruction	1980	1980	45	10	MTC	30 CF 5 MTC							
1 30208 2 3 E8070 4 1980 5 138	Q.E.W. Trunk Sewer from Fruitland Road to east of Glover Road - Construction	1980	1981	1300	200 300	MOE COASP	10 CF	790		790	290	500		
1 30209 2 3 E801024 4 1980 5 139	Royal Avenue, Sanitary Trunk Sewer Stage I	1980	1981	119			119 CF							
1 30211 2 3 E80172 4 1989 5 140	Aberdeen Avenue, Sewage Pumping Station and associated Sewers	1980	1981	150	20	MOE		130	130		80	50		
1 30215 2 3 E80122 4 1980 5 141	Greenhill Avenue Storage Treatment Basin - Engineering & Land	1980	1981	220				220	220		50	170		
1 31210 2 3 E81565 4 1981 5 142	Locke Street from Peter Street to Florence Street	1981	1981	22			11 CF	11	11		11			

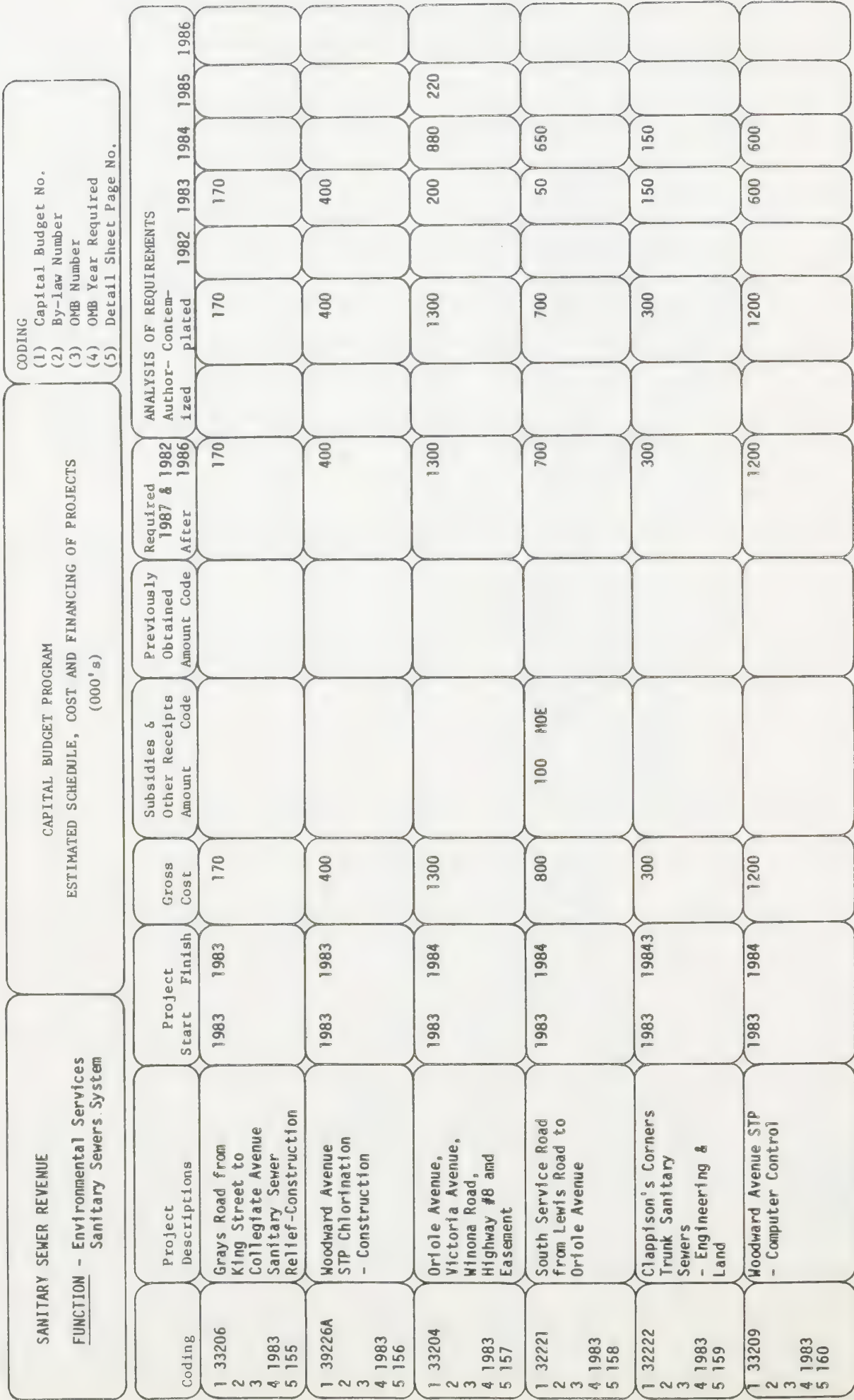




FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE			CAPITAL BUDGET PROGRAM				CODING						
FUNCTION - Environmental Services Sanitary Sewers System			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-Law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.						
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated					
								1982	1983	1984	1985	1986	
1 32223 2 3 4 1982 5 149	Pleasant Ave. from Gate to Edenbridge Court	1982	1982	200			200	200					
1 32225 2 3 4 1982 5 150	MacNab-Street from York Blvd.(formerly) Merrick to Barton Street - Construction	1982	1982	590			590	590					
1 32226 2 3 4 1982 5 151	Hess St. from Barton St. to Stuart St. - Construction	1982	1982	90			90	90					
1 30219 2 3 4 1982 5 152	Windemere Basin Improvements - Construction	1982	1982	5000	4700		300	300					
1 32224 2 3 4 1982 5 153	South Service Road from Glover Road to Lewis Road	1982	1983	1840	350 COASP		1490	1490	300	1190			
1 32227 2 3 4 1982 5 154	Woodward Avenue STP Solids Handling	1982	1983	13000	1000 MOE 1591 CF		10409	10409	5409	5000			



FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE			CAPITAL BUDGET PROGRAM				CODING					
FUNCTION - Environmental Services Sanitary Sewers System			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.					
Coding	Project Descriptions	Project Start Finish	Gross Cost	Subsidies & Other Receipts Amount Code	Previously Obtained Amount Code	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated 1982 1983 1984 1985 1986					
1 34218 2 3 4 1984 5 161	East Street Area Dundas	1984 1984	230			230	230			230		
1 34220 2 3 4 1984 5 162	Pumping Station S-W5 Rockcliffe Engineering & Land	1984 1985	80			80	80			30	50	
1 30215A 2 3 4 1985 5 163	Greenhill Avenue Storage Treatment Basin - Construction	1985 1988	3000	400 MOE		1800 800	800				500	300
1 34203 2 3 4 1985 5 164	Sewage Pumping H16 - East Street Winona, Forcemain & Gravity Sewer Stoney Creek	1985 1986	800			800	800				50	750
1 33201 2 3 4 1985 5 165	Iona Sanitary Trunk Sewer - Engineering	1985 1986	100			100	100				50	50
1 32222A 2 3 4 1985 5 166	Clappison's Corners Trunk Sanitary Sewer - Construction	1985 1986	3900	500 MOE		3400	3400				100	3300



FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE			CAPITAL BUDGET PROGRAM					CODING					
FUNCTION - Environmental Services Sanitary Sewers System			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.					
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After	ANALYSIS OF REQUIREMENTS Author- Contem- ized plated	1982	1983	1984	1985	1986
1 36201 2 3 4 1986 5 167	Shaw Street - Cheever Street and Connections on Emerald Street	1986	1986	180			180	180					180
1 36202 2 3 4 1986 5 168	Catherine Street from King Street to Cannon Street - Sewer Reconstruction	1986	1986	230			230	230					230
1 33201A 2 3 4 1986 5 169	Iona Sanitary Trunk Sewer - Construction	1986	1987	2000	300 MOE		1600 100	100					100
1 35205 2 3 4 1986 5 170	Chedoke Creek Pollution Control - Engineering	1986	1987	200			200	200					200
1 34202 2 3 4 1986 5 171	King Street STP Outfall Sewer Dundas - Engineering	1986	1987	200			100 100	100					
1 36205 2 3 4 1986 5 172	Pumping Station S-W5 Rockcliffe Construction	1986	1987	500			450 50	50					50



FIVE YEAR CAPITAL BUDGET

39

SANITARY SEWER REVENUE		CAPITAL BUDGET PROGRAM					CODING	
FUNCTION - Environmental Services Sanitary Sewers System		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No.	(2) By-law Number
							(3) OMB Number	(4) OMB Year Required
							(5) Detail Sheet Page No.	
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After	ANALYSIS OF REQUIREMENTS (CURRENT BUDGET FINANCING) Author- Contem- ized 1982 1983 1984 1985 1986
1 11000F 2 3 4 1980 5	Rated Sewers & Minor Improvements - 1980 - Region's Portion	1980	1981	2610		2610 CF		
1 11000G 2 3 4 1981 5 173	Rated Sewers & Minor Improvements - 1981 - Region's Portion	1981	1982	1367		1367 CF		
1 11000H 2 3 4 1982 5 174	Rated Sewers & Minor Improvements - 1982 - Region's Portion	1982	1983	1800			1800 CF	800 1000
1 11000I 2 3 4 1983 5 175	Rated Sewers & Minor Improvements - 1983 - Region's Portion	1983	1984	1400			1400 CF	400 1000
1 11000J 2 3 4 1984 5 176	Rated Sewers & Minor Improvements - 1984 - Region's Portion	1984	1985	1400			1400 CF	300 1100
1 11000K 2 3 4 1985 5 177	Rated Sewers & Minor Improvements - 1985 - Region's Portion	1985	1986	1400			1400 CF	400 1000

[illegible]



FUNCTION - Environmental Services
Sanitary Sewers System

ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS
(000 's)

CODING

- | | |
|-----|--------------------|
| (1) | Capital Budget No. |
| (2) | By-law Number |
| (3) | OMB Number |
| (4) | OMB Year Required |
| (5) | Detail Sheet Page |

Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Code	1987 & 1982 1986	Author-ized	Contem-plated	1982	1983	1984	1985	1986
1 32221 2 3 1983 4 1983 5 158	South Service Road from Lewis Road to Oriole Drive -Owner's Portion	1983	1983	50					50						50	
1 H1204 H2303 H2304 2 E771844 3 E771839 E771840 4 1977 5 121	Limeridge Road, Upper Wentworth Street Upper Wellington Street - Owner's Portion	1977	1979	313			45 CF		268	268		268				
1 34203 2 3 4 1985 5 164	Sewage Pumping Station H16 East Street Foremain and Gravity Sever	1985	1985	50					50						50	
1 32224 2 3 4 1982 5 153	South Service Road from Glover Road to Lewis Road - Owner's Portion	1982	1983	260					260					260		
1 33204 2 3 4 1983 5 157	Oriole Avenue, Victoria Avenue, Winona Road, Hwy. #8 -Owner's Portion	1983	1984	200					200						200	



SANITARY SEWER REVENUE

FUNCTION - Environmental Services
Sanitary Sewers System

CAPITAL BUDGET PROGRAM

ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS
(000' s)

CODING

- | | |
|-----|--------------------|
| (1) | Capital Budget No. |
| (2) | By-law Number |
| (3) | OMB Number |
| (4) | OMB Year Required |
| (5) | Detail Sheet Page |

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FIVE YEAR CAPITAL BUDGET

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SANITARY SEWER REVENUE		CAPITAL BUDGET PROGRAM				CODING	
FUNCTION - Environmental Services Sanitary Sewers System		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No.	(2) By-law Number
						(3) OMB Number	(4) OMB Year Required
						(5) Detail Sheet Page No.	
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount Code	Required 1987 & 1982 After 1986
							ANALYSIS OF REQUIREMENTS Author- Contem- ized plated 1982 1983 1984 1985 1986
1 11000D 2 3 4 1977-78 5	Rated Sewers & Minor Improvements - Owner's Portion	1977	1979	572		572 CF	
1 11000E 2 3 4 1979 5	Rated Sewers & Minor Improvements - 1979 - Owner's Portion	1979	1980	1100		1100 CF	
1 11000F 2 3 4 1980 5	Rated Sewers & Minor Improvements - 1980 - Owner's Portion	1980	1981	1100		1020 CF	80
1 11000G 2 3 4 1981 5 173	Rated Sewers & Minor Improvements - 1981 - Owner's Portion	1981	1982	1200		707 CF	493 493
1 11000H 2 3 4 1982 5 174	Rated Sewers & Minor Improvements - 1982 - Owner's Portion	1982	1983	1600			1600 800
1 11000I 2 3 4 1983 5 175	Rated Sewers & Minor Improvements - 1983 - Owner's Portion	1983	1984	1200			1200 600



W A T E R W O R K S

F I N A N C I A L R E P O R T

WATER PROJECTS
(000's)

	<u>YEARLY ANALYSIS</u>					
	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Debentures Required	6,952	7,129	2470	459	3514	--
Existing Debt Charges	4,281	4,104	3,733	3,732	3,690	3,348
Capital Forecast Debt Charges	--	1,492	3,022	3,552	3,650	4,404
Total Debt Charges	<u>4,281</u>	<u>5,596</u>	<u>6,755</u>	<u>7,284</u>	<u>7,340</u>	<u>7,752</u>
Water Revenue plus 5% per annum	17,191	18,051	18,953	19,900	20,896	21,941
Applicable % of Water Revenue	(40%)	(40%)	(40%)	(40%)	(40%)	(40%)
Less Debt Charges	<u>7,736</u> <u>4,281</u>	<u>7,220</u> <u>5,596</u>	<u>7,581</u> <u>6,755</u>	<u>7,960</u> <u>7,284</u>	<u>8,358</u> <u>7,340</u>	<u>8,776</u> <u>7,752</u>
Debt Issues to be Deferred	<u>3,455 S</u>	<u>1,624 S</u>	<u>826 S</u>	<u>676 S</u>	<u>1,018 S</u>	<u>1,024 S</u>
						NIL
Debt Charges as a Percentage of Water Revenue	<u>25%</u>	<u>31%</u>	<u>36%</u>	<u>37%</u>	<u>35%</u>	<u>35%</u>

NOTE: S = Surplus
D = Deficit

Calculations are based on Debt Issued at 17% - 10 years (.21466)



FIVE YEAR CAPITAL BUDGET

45

WATER REVENUE		CAPITAL BUDGET PROGRAM				CODING				
FUNCTION - Environmental Services		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS				(1) Capital Budget No.	(2) By-law Number	(3) OMB Number	(4) OMB Year Required	(5) Detail Sheet Page No.
Waterworks		(000's)				ANALYSIS OF REQUIREMENTS				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	Author- ized	Contem- plated	1982 1983 1984 1985 1986
1 25705 2 R76-125 3 E752170 4 1975 5 179	W-H8A Pumping Stn at Reservoir W-HIC (OHAP)	1976	1978	626		470 OHAP 156 CF				
1 26701 2 R76-190 3 E761281 4 1976 5 180	W-H51 Pumping Stn - Engineering and Construction	1976	1979	2700		1260 D 1222 CMHC 133 CF	85	85		
1 26757 2 R77-69 3 E761281 4 1976 5 181	Trunk Watermain from proposed Stn W-H5A to Mud St. Paramount Drive - Construction	1976	1979	2400	360 MOE	710 D 1105 CF 225 CMHC				
1 27703 2 29701 3 E781819 4 1979 5 182	Hwy.#53 & Southcote Rd. Garth St. to Rymal Road Watermain	1979	1980	1349	180 MOE	967 CF	202	62	140	202
1 27729A 2 3 4 1979 5 183	Ancaster Industrial Prk.Trunk Watermain - Construction - Region's Portion	1979	1980	580	115 CSCP		465		465	465
1 26745 2 R77-75 3 E761748 4 1976 5 184	Woodward Ave. Water Treatment Plant - Expansion to 200 M.I.G.C. & Waste	1977	1979	90		80 D	10	10		10



FIVE YEAR CAPITAL BUDGET

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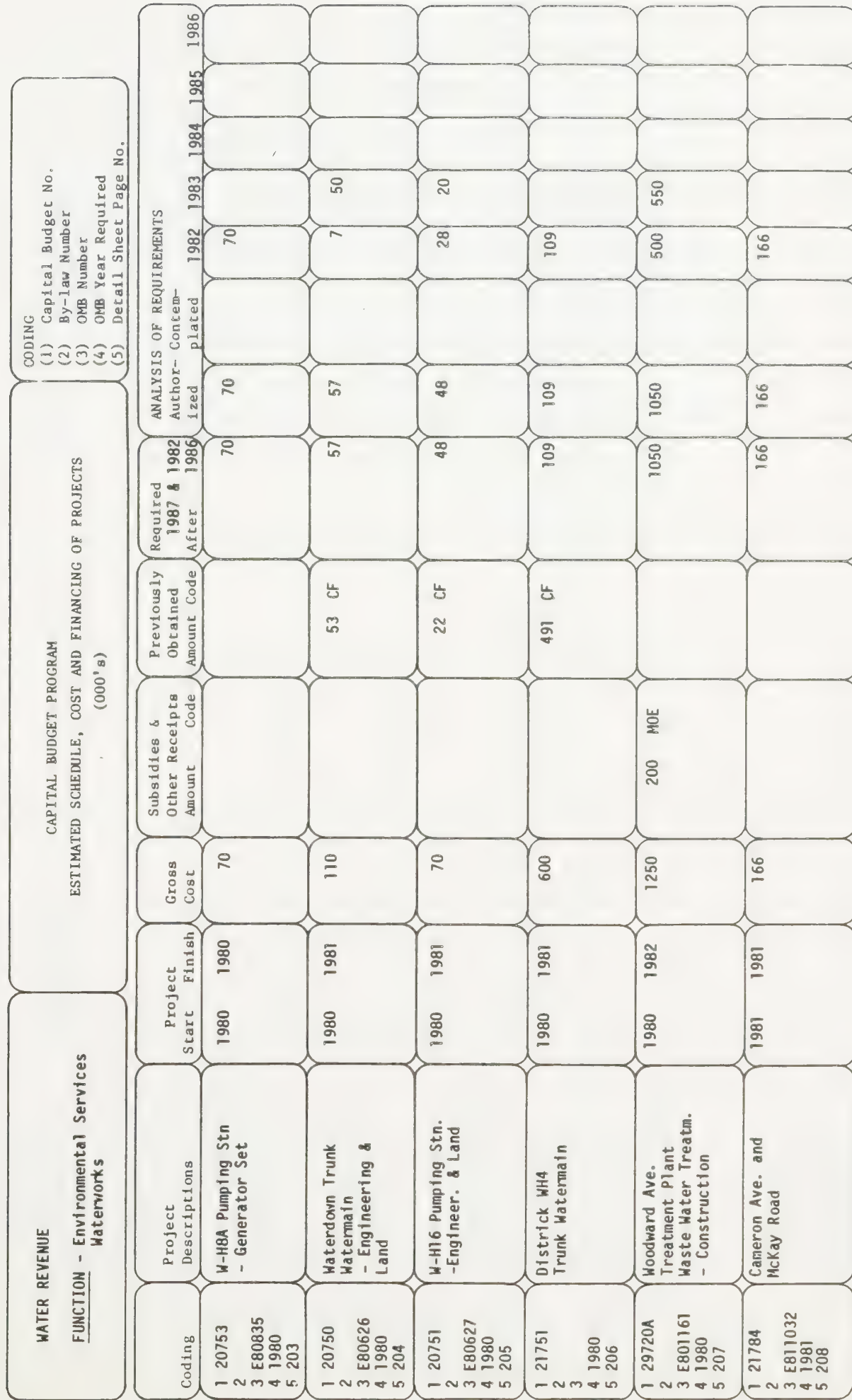
WATER REVENUE		CAPITAL BUDGET PROGRAM					CODING				
FUNCTION - Environmental Services		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS					(1) Capital Budget No.				
Waterworks		(000's)					(2) By-law Number				
							(3) OMB Number				
							(4) OMB Year Required				
							(5) Detail Sheet Page No.				
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Code	Previously Obtained Amount	Code	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- sized plated	1982 1983 1984 1985 1986
1 27501 2 R78-98 3 E771269 4 1977 5 185	Reservoir W-H111 Expansion - Construction & Design	1977	1980	1028	135	M0E	70 D 519 CF	304	304	304	
1 27702 2 R78-85 3 E771574 4 1977 5 186	Well W-AOC Sulphur Spring's Road	1977	1986	255			210 D	45	45	45	
1 27704 2 R78-99 3 E771573 4 1977 5 187	W-H18 Pumping Stn. Ancaster -Engineering & Land	1977	1979	205			200 D	5	5	5	
1 27705 2 R78-89 3 E771979 4 1977 5 188	Barton St. from Gray's Rd. to Dewitt Road -Trunk Watermain	1977	1979	1300			1101 CF 161 CMHC	38	38	38	
1 27725 2 R78-97 3 E771523 4 1977 5 189	W-H11 Pumping Stn. - Chlorination	1977	1979	200			166 D	34	34	34	
1 27817 2 R78-43 3 E771128 4 1977 5 190	Reservoir W-AOA and Feedermain - Engineering and Land	1977	1979	167			150 D 4 CF	13	13	13	

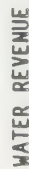


FIVE YEAR CAPITAL BUDGET

48

WATER REVENUE		CAPITAL BUDGET PROGRAM					CODING							
FUNCTION - Environmental Services Waterworks		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & After	ANALYSIS OF REQUIREMENTS Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 28754A 2 3 E801026 3 4 1980 5 197	Stone Church Road Watermain-Upr.James St.to 213m east of Upper Wellington St. - Construction	1980	1980	430	100 MOE	283 CF	47	47	47	47				
1 26716 2 3 E761804 3 4 1980 5 198	Eastern Water Treatment Plant - Land Acquisition	1980	1980	400			400	400	400	400				
1 29765A 2 3 3 4 1980 5 199	Stone Church Road Trunk Watermain from Garth St. to Upper Paradise Rd. - Construction	1980	1980	390	60 MOE	263 CF	67	67	67	67				
1 20732 2 3 E80834 3 4 1980 5 200	Interconnection across St.Crk. to Hamilton Boundary	1980	1980	50		17 CF	33	33	33	33				
1 20752 2 3 E801270 3 4 1980 5 201	W-H11 Pumping Stn Install. of Pump #3 and replacement of Pump #2	1980	1980	56			56	56	56	56				
1 20763 2 3 E80327 3 4 1980 5 202	Burton St. from Victoria Ave. to Wentworth St.	1980	1980	135		96 CF	39	39	39	39				





FUNCTION - Environmental Services
Waterworks

CAPITAL BUDGET PROGRAM

ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS
(000's)

CODING

- | | |
|-----|--------------------|
| (1) | Capital Budget No. |
| (2) | By-law Number |
| (3) | OMB Number |
| (4) | OMB Year Required |
| (5) | Detail Sheet Page |

Coding	Project Descriptions	Project		Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & After	ANALYSIS OF REQUIREMENTS						
		Start	Finish					Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 21728 2 3 E81564 4 1981 5 209	Dewitt Road from Hwy. #8 to Barton St Trunk Watermain - Engineering	1981	1981	50			50	50						
1 21785 2 3 E81842 4 1981 5 210	King Street Watermain (Dundas)	1981	1981	245			245	245						
1 29763A 2 3 4 1981 5 211	Hwy. #53-Shaver's Side Rd. to Hamilton Dr. and Hamilton Dr. from Hwy. #53 to #2 Const/Reg. Portion	1981	1982	534			534	534			300			
1 20727A 2 3 E811033 4 1981 5 212	W-F1 Pumping Station (Reconstruction) - Construction	1981	1982	400		23 CF	377	377			200			
1 20750A 2 3 4 1982 5 213	Waterdown Trunk Watermain - Construction - Region's Portion	1981	1982	1610			1610	1610			200	1410		
1 20751A 2 3 4 1981 5 214	W-H16 Pumping Stn. - Construction	1981	1982	860	100 MOE		760	760			330	430		



FIVE YEAR CAPITAL BUDGET

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WATER REVENUE			CAPITAL BUDGET PROGRAM				CODING							
FUNCTION - Environmental Services Waterworks			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & After 1986	ANALYSIS OF REQUIREMENTS Author-Contem-ized plated 1982 1983 1984 1985 1986						
1 21783 2 3 E81566 4 1981 5 215	Reservoir W-H18S - Engineering (Ancaster)	1981	1982	130		6 CF	124	124		94	30			
1 22743 2 3 4 1982 5 216	Barton St. from Dewitt to Jones Rd. - Engineering	1982	1982	80			80		80	80				
1 22746 2 3 4 1982 5 217	Woodward Avenue Water Treatment Plant Storage Building	1982	1982	82			82		82	82				
1 22747 2 3 4 1982 5 218	Woodward Avenue Water Treatment Plant Chlorination - Engineering and Land	1982	1982	70			70		70	70				
1 22748 2 3 4 1982 5 219	Normanhurst Avenue from Melvin Avenue to Barton Street	1982	1982	72			72		72	72				
1 22745 2 3 4 1982 5 220	Chlorination-Pumping Station W-H5 Kenilworth Access	1982	1983	500			500		500	200	300			



FIVE YEAR CAPITAL BUDGET

52

WATER REVENUE		CAPITAL BUDGET PROGRAM					CODING							
FUNCTION - Environmental Services Waterworks		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)					(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After	Author- ized	Contem- plated	1982	1983	1984	1985	1986
1 29755A 2 3 4 1982 5 221	P.S. W-H5A: Instal. of Pump #3 - Construction	1982	1983	430	60 MOE		370		370	200	170			
1 21783A 2 3 4 1982 5 222	Reservoir W-H18S Ancaster - Construction	1982	1984	1950	200 MOE		1750		1750	1100	650			
1 22741 2 3 4 1982 5 223	W-H18 Pumping Stn. Installation of pumps 3 and 4	1982	1983	370	50 MOE		320		320	200	120			
1 21780 2 3 4 1983 5 224	Hwy. #53 from 107m.W. of Southcote to Fiddler's Green and from #53 to Cunl. -Engineering	1983	1983	50			50		50		50			
1 22747A 2 3 4 1983 5 225	Woodward Avenue Water Treatment Plant Chlorination - Construction	1983	1983	400			400		400		400			
1 23737 2 3 4 1983 5 226	Falcon Road from Creanona Boulevard to approximately 280m east - Stoney Creek	1983	1983	90			90		90		90			

FIVE YEAR CAPITAL BUDGET

53

WATER REVENUE			CAPITAL BUDGET PROGRAM				CODING						
FUNCTION - Environmental Services Waterworks			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.						
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author-Contem- ized					
								1982	1983	1984	1985	1986	
1 23733 2 3 4 1983 5 227	Kelly St.Extension from Hamilton St.to Main Street Watermain and Land	1983	1983	79			79	79	79				
1 23735 2 3 4 1983 5 228	Stn.Chrc.Rd.Trunk Watermain-Upper Ottawa to Upr.Gage - Engineering	1983	1983	40			40	40	40				
1 21728A 2 3 4 1983 5 229	Dewitt Rd. from Hwy #8 to Barton St. - Trunk Watermain	1983	1984	490			490	490	170	320			
1 21780A 2 3 4 1983 5 230	Hwy.#53 from 107m.W. of Southcote Rd.to Fiddler's Green Rd. - Construction - Region's Portion	1983	1984	1100			1100	1100	500	600			
1 23740 2 3 4 1983 5 231	Communal Water Supply System - Lynden - Engineering	1983	1984	100			100	100	50	50			
1 23742 2 3 4 1983 5 232	Carlisle Elevated Water Storage Tank -Engin. & Land	1983	1984	70			70	70	20	50			



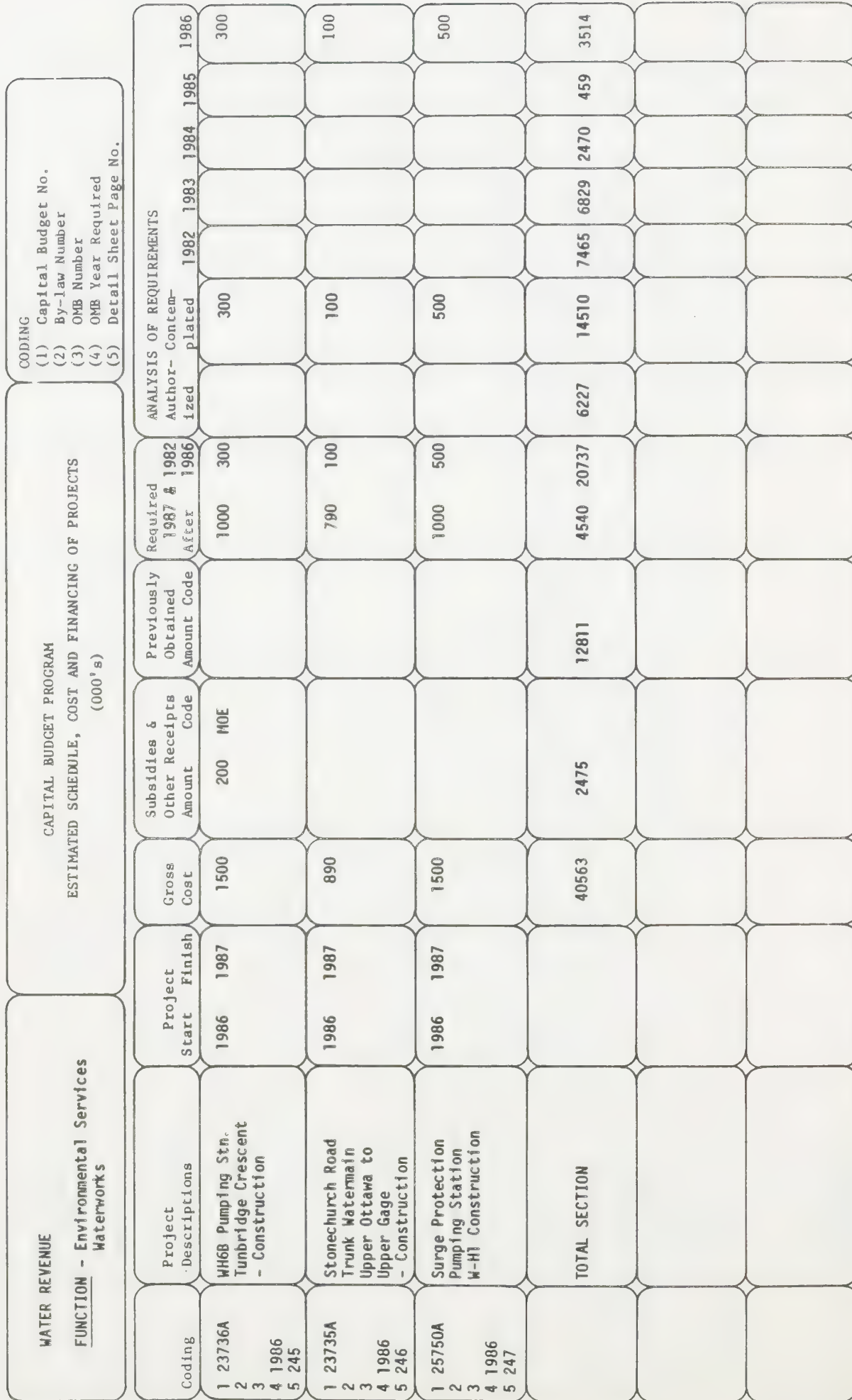
HAMILTON/
WENTWORTH

FIVE YEAR CAPITAL BUDGET

54

WATER REVENUE		CAPITAL BUDGET PROGRAM				CODING							
FUNCTION - Environmental Services Waterworks		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.							
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1982 After 1986	ANALYSIS OF REQUIREMENTS Author- Contem- sized	1982	1983	1984	1985	1986
1 22743A 2 3 4 1983 5 233	Barton St. from Dewitt to Jones Rd. - Construction	1983	1984	1300			1300	1300		600	700		
1 23744 2 3 4 1983 5 234	Computer Control Woodward Ave. Water Treatment Plant	1983	1984	1200			1200	1200		600	600		
1 23742A 2 3 4 1984 5 235	Carlisle Elevated Water Reservoir - Construction	1984	1985	450	60 MOE 100 COM		290	290			150	140	
1 25748 2 3 4 1985 5 236	Pleasantview Water Supply - Engineering	1985	1985	30			30	30				30	
1 23736 2 3 4 1985 5 237	M-H6B Pumping Stn. on Stone Church Rd. at Tunbridge Cres. - Engineering	1985	1986	70			70	70				35	35
1 25746 2 3 4 1985 5 238	Lynden Water Supply	1985	1986	1000	100 MOE		900	900				100	800

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WATER REVENUE			CAPITAL BUDGET PROGRAM				CODING										
FUNCTION - Environmental Services Waterworks			ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-Law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.										
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required After	ANALYSIS OF REQUIREMENTS (CURRENT BUDGET FINANCING) Author- Contem- Ized placed					1982	1983	1984	1985	1986
1 30000E 2 3 4 1980 5	Suburban Watermains - Region's Portion	1980	1982	193		193 CF											
1 30000F 2 3 4 1981 5 248	Suburban Watermains - Region's Portion	1981	1982	364		364 CF											
1 30000G 2 3 4 1982 5 249	Suburban Watermains -Region's Portion	1982	1983	200			200	200 CF	100	100							
1 30000H 2 3 4 1983 5 250	Suburban Watermains - Region's Portion	1983	1984	200			200	200 CF		100	100						
1 30000I 2 3 4 1984 5 251	Suburban Watermains - Region's Portion	1984	1985	200			200	200 CF					100	100			100
1 30000J 2 3 4 1985 5 252	Suburban Watermains	1985	1986	200			200	200 CF									100

[illegible]



FIVE YEAR CAPITAL BUDGET

62

WATER REVENUE		CAPITAL BUDGET PROGRAM				CODING						
FUNCTION - Environmental Services Waterworks		ESTIMATED SCHEDULE, COST AND FINANCING OF PROJECTS (000's)				(1) Capital Budget No. (2) By-Law Number (3) OMB Number (4) OMB Year Required (5) Detail Sheet Page No.						
Coding	Project Descriptions	Project Start	Project Finish	Gross Cost	Subsidies & Other Receipts Amount	Previously Obtained Amount	Required 1987 & 1986 After	ANALYSIS OF REQUIREMENTS Author- Contem- plated				
								1982	1983	1984	1985	1986
1 30000E 2 3 4 1980 5	Suburban Watermains - Owner's Portion	1980	1981	200		200 CF						
1 30000F 2 3 4 1981 5 248	Suburban Watermains - Owner's Portion	1981	1982	200		200 CF						
1 30000G 2 3 4 1982 5 249	Suburban Watermains - Owner's Portion	1982	1983	200			200	100	100			
1 30000H 2 3 4 1983 5 250	Suburban Watermains - Owner's Portion	1983	1984	200			200		100	100		
1 30000I 2 3 4 1984 5 251	Suburban Watermains - Owner's Portion	1984	1985	200			200			100	100	
1 30000J 2 3 4 1985 5 252	Suburban Watermains - Owner's Portion	1985	1986	200			200				100	100

[illegible]



CODING

(1)	Capital Budget No.
(2)	By-law Number
(3)	OMB Number
(4)	OMB Year Required
(5)	Detail Sheet Page No.

LOT LEVY

FINANCIAL REPORT



TRANSIT

FINANCIAL REPORT

TRANSIT SYSTEM
PROJECTION OF DEBT CHARGES TO ADJUSTED REGIONAL LEVY
(000's)

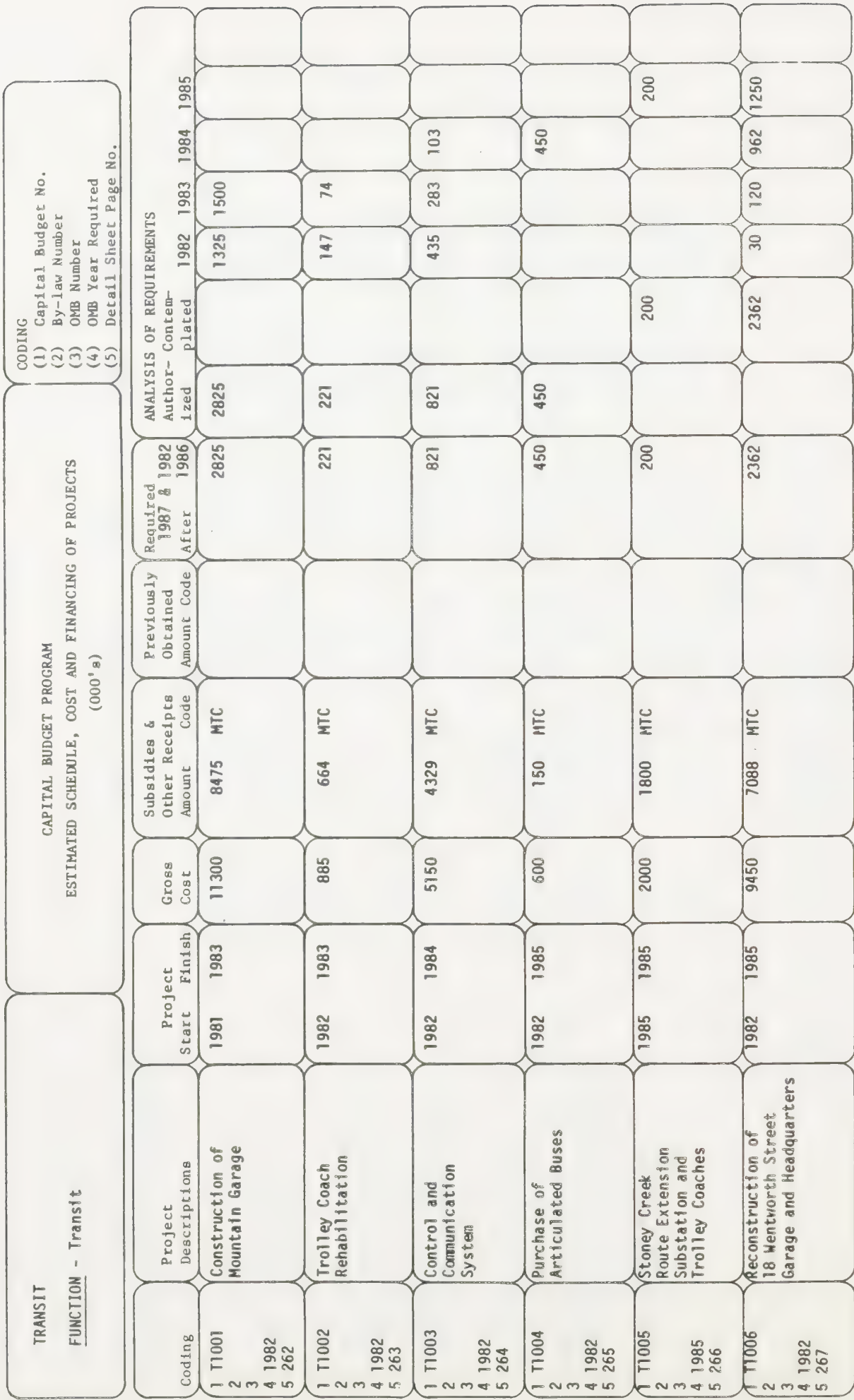
	YEARLY ANALYSIS					
	1982	1983	1984	1985	1986	1987
Debentures Required	1,937	2,454	1,965	1,960	530	--
Existing Debt Charges	349	240	130			
Capital Forecast Debt Charges		416	943	1,365	1,786	1,900
Total Debt Charges	349	656	943	1,365	1,786	1,900
Adjusted Regional Levy plus 5% per annum	9,774	10,263	10,776	11,315	11,880	12,474
Applicable % of Adjusted Regional Levy	(25%)	(25%)	(25%)	(25%)	(25%)	(25%)
Less Debt Charges	2,444	2,566	2,694	2,829	2,970	3,119
		656	1,073	1,365	1,786	1,900
	2,444 S	1,910 S	1,621 S	1,464 S	1,184 S	1,219 S
Debt Charges as a Percentage of Adjusted Regional Levy	4%	6%	10%	12%	15%	15%

NOTE: S = Surplus
D = Deficit

Calculations are based on debt issued at 17% - 10 years (.21466).

POLICIES THAT LIMIT DEBT, PROPOSED

That the Region establish policies that will enable it to limit its annual debt charges for Transit purposes to 25% of the Levy for Transit and that the Region not issue debt for Transit purposes on its own behalf when that limit is exceeded.



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1982 - 1986

CAPITAL BUDGET

DETAIL SHEETS

GENERALLY RATED


DETAIL SHEETS



FIVE YEAR CAPITAL BUDGET

1982 - 1986

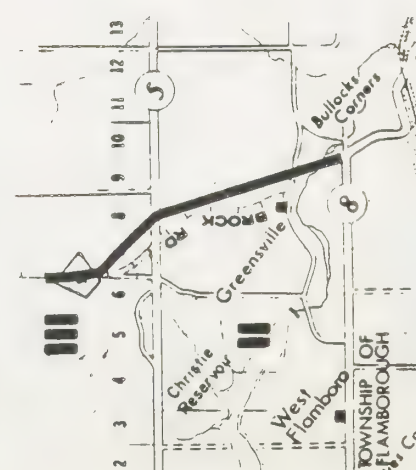
1

Department/Agency: Engineering Function: Transportation Services	Project Number: 35056 File Number: 813-06	Financial Report Page: 1 Appendix Page: A8																																
Project Description Mill Street South, Township of Flamborough, Mountain Brown Road to Hwy. 5 Minor Realignment of Road Replacement of One Structure and Slope Stabilization Municipality Flamborough	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>114,000</td></tr><tr><td>Land</td><td>807,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>921,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>421,000</td></tr><tr><td>TOTAL</td><td>421,000</td></tr><tr><td>Net Cost</td><td>500,000</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>500,000</td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table>	Design	114,000	Land	807,000	Construction		Other		TOTAL	921,000	Subsidy R.S. Contributions	421,000	TOTAL	421,000	Net Cost	500,000	Amount to be Financed: Regional Property Owners Other	500,000	TOTAL	500,000	Need for Project <ul style="list-style-type: none">- Critical horizontal and vertical alignment- Critical structural deficiency of road												
Design	114,000																																	
Land	807,000																																	
Construction																																		
Other																																		
TOTAL	921,000																																	
Subsidy R.S. Contributions	421,000																																	
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Amount to be Financed: Regional Property Owners Other	500,000																																	
TOTAL	500,000																																	
Map to Locate Project 	Cash Flow O.M.B. Required 1979 <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>406,000</td><td>334,000</td><td>740,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td>94,000</td><td>87,000</td><td>181,000</td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>500,000</td><td>421,000</td><td>921,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	406,000	334,000	740,000	1983				1984	94,000	87,000	181,000	1985				1986				1987 & After				TOTAL	500,000	421,000	921,000	Additional Information <ul style="list-style-type: none">- Structure over Grindstone Creek completed in 1978- Land acquired in 1980 for road project
Prior To Budget	Region	Other Contrib	Total																															
1982	406,000	334,000	740,000																															
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Debt Charges																																		
Annual Costs																																		
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

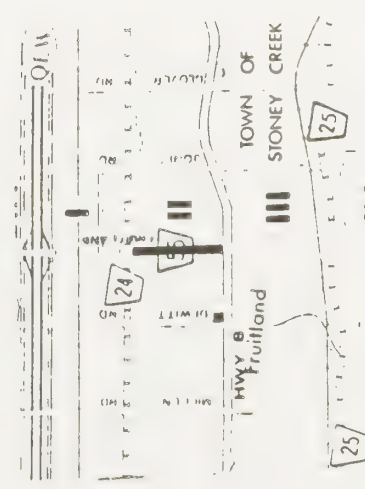
2

<p>Department/Agency: Engineering</p> <p>Function: Transportation Services</p>	<p>Project Number: 35046</p> <p>File Number: 802-05</p>	<p>Financial Report Page: 1</p> <p>Appendix Page: A18</p>																																				
<p><u>Project Description</u></p> <p>Brock Road, Flamborough, Hwy. 8 to Hwy. 5, Hwy. 5 to Harvest Road Realignment and Reconstruction, including Land Acquisition</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td>330,500</td> </tr> <tr> <td>Construction</td> <td>1,290,000</td> </tr> <tr> <td>Other (Utilities)</td> <td>20,000</td> </tr> <tr> <td>TOTAL</td> <td>1,640,500</td> </tr> </table> <p>Subsidy R.S. Contributions M.T.C.</p> <table border="1"> <tr> <td></td> <td>653,600</td> </tr> <tr> <td></td> <td>347,500</td> </tr> <tr> <td>TOTAL</td> <td>1,001,100</td> </tr> </table> <p>Net Cost</p> <table border="1"> <tr> <td></td> <td>639,400</td> </tr> </table> <p>Amount to be Financed:</p> <table border="1"> <tr> <td>Regional Property Owners</td> <td>639,400</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>639,400</td> </tr> </table>	Design		Land	330,500	Construction	1,290,000	Other (Utilities)	20,000	TOTAL	1,640,500		653,600		347,500	TOTAL	1,001,100		639,400	Regional Property Owners	639,400	Other		TOTAL	639,400	<p><u>Need for Project</u></p> <ul style="list-style-type: none"> - Poor geometrics in Greenville and Hwy. 5 intersection - Need to alleviate severe accident situation - Need to provide for additional capacity 												
Design																																						
Land	330,500																																					
Construction	1,290,000																																					
Other (Utilities)	20,000																																					
TOTAL	1,640,500																																					
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Regional Property Owners	639,400																																					
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<p><u>Municipality</u></p> <p>Flamborough</p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1979</p> <table border="1"> <tr> <th>Expenditures:</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td>639,400</td> <td>903,100</td> <td>1,543,500</td> </tr> <tr> <td>1982</td> <td></td> <td>98,000</td> <td>98,000</td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>639,400</td> <td>1,001,100</td> <td>1,640,500</td> </tr> </table>	Expenditures:	Region	Other Contrib	Total	Prior To Budget	639,400	903,100	1,543,500	1982		98,000	98,000	1983				1984				1985				1986				1987 & After				TOTAL	639,400	1,001,100	1,640,500	<p><u>Additional Information</u></p>
Expenditures:	Region	Other Contrib	Total																																			
Prior To Budget	639,400	903,100	1,543,500																																			
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TOTAL	639,400	1,001,100	1,640,500																																			
<p><u>Map to Locate Project</u></p> 	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL NIL</p>																																					



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering	Project Number: 35054	Financial Report Page: 1
Function: Transportation Services	File Number: 306-06	Appendix Page: A12
<u>Project Description</u> Fruitland Road, Stoney Creek, Barton Street to Hwy. 8 Study will be undertaken to determine if widening should take place on existing roadway. Project to include land acquisition and roadway construction.	<u>Capital Cost Estimate</u> Design (Study) 32,000 Land 189,000 Construction 1,089,000 Other TOTAL 1,310,000 Subsidy R.S. Contributions 613,000 TOTAL 613,000 Net Cost 697,000 Amount to be Financed: Regional Property Owners 697,000 Other TOTAL 697,000	<u>Need for Project</u> - Interchange at Q.E.W. necessitates increase in traffic service - Will be contingent on the rate of development of the Town of Stoney Creek - Need for additional mountain access to be accessed upon completion of Official Plan and Freeway Study
<u>Municipality</u> Stoney Creek		<u>Additional Information</u> - Escarpment accessibility study - 1980 (McCormick, Rankin & Assoc.) Region's Share: 13,333 Town of Stoney Creek's Share: 6,666 - Reconstruction of existing road in conjunction with installation of sewers in 1982
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1984 Expenditures: Prior Region Other To Budget 199,500 14,500 213,500 1982 41,000 34,000 75,000 1983 1984 1985 1986 1987 & After 456,500 564,500 1,022,000 TOTAL 697,000 613,000 1,310,000	<u>Effect on Current Budget</u> Debt Charges 20,000 Annual Costs 20,000 TOTAL



1982 - 1986

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Department/Agency: Engineering

Function: Transportation Services

Project Number: 35007, 35048 & 35099

File Number: 802-08, 802-09, 802-18

Financial Report Page: 1

Appendix Page: A12

Project Description	Start Date	End Date	Duration	Progress	Notes
Project A	2023-01-01	2023-03-31	90 Days	100%	Completed on time
Project B	2023-04-01	2023-06-30	90 Days	80%	Minor delays
Project C	2023-07-01	2023-09-30	90 Days	50%	On track
Project D	2023-10-01	2023-12-31	90 Days	20%	Starting soon

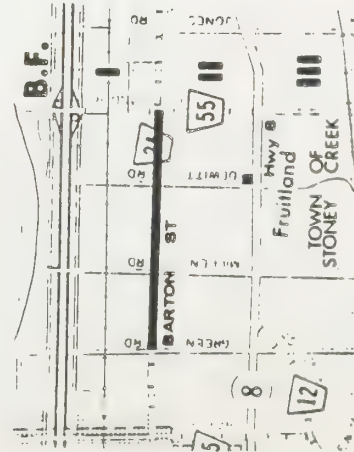
Barton Street, Stoney Creek, Green Road
to Fruitland Road

Land Acquisition to acquire an 86' Right of Way - Widening to Four Lanes and Complete Reconstruction

Municipality

Stoney Creek

Map to Locate Project



Cash Flow

O. M. B. Required

1980

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982			
1983	10,000	10,000	20,000
1984	503,200	446,800	950,000
1985			
1986			
1987 & After	484,300	446,700	931,000
TOTAL	1,552,300	1,320,700	2,873,000

Capital Cost Estimate

Design	304,000		
Land	2,569,000		
Construction			
Other			
TOTAL	2,873,000		
Subsidy R.S.	903,500		
Contributions M.T.C.	417,200		
TOTAL	1,320,700		
Net Cost	1,552,300		
Amount to be Financed:			
Regional	1,552,300		
Property Owners			
Other			
TOTAL	1,552,300		

Amount to be Financed:

	Regional	Property Owners	Other
--	----------	-----------------	-------

Additional Information

- Project has been broken into two phases:

- a) Green to Millen (Construction completed) (737,500)
- b) Millen to Fruitland (continuing Land Acquisition) (392,900)

Effect on Current Budget

Debt Charges	
Annual Costs	15,000
TOTAL	15,000



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering
Function: Transportation Services

Project Description

Mohawk Road at Garth Street - complete Reconstruction and Channelization of the Intersection

Municipality

City of Hamilton

Project Number: 35111
File Number: 807-16

Financial Report Page: 1
Appendix Page:

Capital Cost Estimate

Design
Land 113,000
Construction 347,000
Other

TOTAL 460,000

Subsidy R.S.
Contributions

210,000

TOTAL

210,000

Net Cost

250,000

Amount to be Financed:
Regional
Property Owners
Other

250,000

TOTAL 250,000

Need for Project

- Need to provide for additional intersection capacity and improve safety

Additional Information

- Project completed in 1981

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:	1979	Other
Prior	Region	Contrib
To Budget	250,000	210,000
1982		
1983		
1984		
1985		
1986		
1987 & After		
TOTAL	250,000	240,000
		460,000

Effect on Current Budget

Debt Charges

Annual Costs


TOTAL NIL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: 35087	Financial Report Page: 1																																				
Function: Transportation Services	File Number: 807-02	Appendix Page:																																				
Project Description Gray's Road - City of Hamilton Arvin Avenue to the Q.E.W. Complete Reconstruction and Widening to Four Lanes, including Grade Separation at the C.N. Mainline	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>210,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>1,857,950</td></tr><tr><td>Other*</td><td>306,090</td></tr><tr><td>TOTAL</td><td>2,373,950</td></tr></table> Subsidy M.T.C. ** <table border="1"><tr><td></td><td>243,072</td></tr><tr><td>Contributions</td><td>1,668,874</td></tr><tr><td>TOTAL</td><td>1,911,946</td></tr></table> Net Cost <u>462,004</u>	Design	210,000	Land		Construction	1,857,950	Other*	306,090	TOTAL	2,373,950		243,072	Contributions	1,668,874	TOTAL	1,911,946	Need for Project <ul style="list-style-type: none">- Need to provide for continued industrial development- Roadway structurally deficient- Need to Grade Separate the C.N. Mainline																				
Design	210,000																																					
Land																																						
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Municipality City of Hamilton	Amount to be Financed: <table border="1"><tr><td>Regional</td><td>462,004</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>462,004</td></tr></table>	Regional	462,004	Property Owners		Other		TOTAL	462,004	Additional Information * Study 20,000 Utilities 181,000 Engineering 105,000 <u>306,000</u> ** C.R.G.C.F. 1,571,590 C.N.R. 62,500 Utilities 34,784 <u>1,668,874</u>																												
Regional	462,004																																					
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Map to Locate Project 	Cash Flow O.M.B. Required 1979 Expenditures: <table border="1"><tr><th>Prior</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>To Budget</td><td>263,300</td><td>162,700</td><td>426,000</td></tr><tr><td>1982</td><td>198,704</td><td>1,749,246</td><td>1,947,950</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>462,004</td><td>1,911,946</td><td>2,373,950</td></tr></table>	Prior	Region	Other Contrib	Total	To Budget	263,300	162,700	426,000	1982	198,704	1,749,246	1,947,950	1983				1984				1985				1986				1987 & After				TOTAL	462,004	1,911,946	2,373,950	Effect on Current Budget Debt Charges Annual Costs TOTAL
Prior	Region	Other Contrib	Total																																			
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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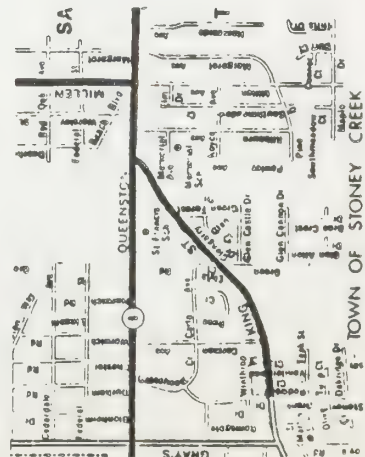
Department/Agency: Engineering Function: Transportation Services	Project Number: 35082 File Number: 802-21	Financial Report Page: 2 Appendix Page: All																				
<u>Project Description</u> Burlington Street - City of Hamilton Strathearne Avenue to Woodward Avenue Complete Reconstruction and Widening, including Intersection Improvements at Parkdale and Strathearne Avenues and a Grade Separation of the C.N.R./T.H. & R. Industrial Track <u>Municipality</u> City of Hamilton	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td>750,000</td> </tr> <tr> <td>Land</td> <td>1,000,000</td> </tr> <tr> <td>Construction</td> <td>28,746,600</td> </tr> <tr> <td>Other *</td> <td>1,777,000</td> </tr> <tr> <td>TOTAL</td> <td>32,273,600</td> </tr> </table> Subsidy R.S. Contributions ** <table border="1"> <tr> <td></td> <td>7,348,200</td> </tr> <tr> <td></td> <td>17,162,100</td> </tr> <tr> <td>TOTAL</td> <td>24,510,300</td> </tr> </table> Net Cost <table border="1"> <tr> <td></td> <td>7,763,300</td> </tr> </table> Amount to be Financed: Regional Property Owners Other <table border="1"> <tr> <td></td> <td>7,763,300</td> </tr> </table> TOTAL 7,763,300	Design	750,000	Land	1,000,000	Construction	28,746,600	Other *	1,777,000	TOTAL	32,273,600		7,348,200		17,162,100	TOTAL	24,510,300		7,763,300		7,763,300	<u>Need for Project</u> - Need to provide additional roadway capacity - Roadway structurally deficient - Need to provide adequate service to industry
Design	750,000																					
Land	1,000,000																					
Construction	28,746,600																					
Other *	1,777,000																					
TOTAL	32,273,600																					
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<u>Map to Locate Project</u> 	<u>Additional Information</u> <table border="1"> <tr> <td>* Study</td> <td>50,000</td> </tr> <tr> <td>Utilities</td> <td>400,000</td> </tr> <tr> <td>Engineering</td> <td>1,327,000</td> </tr> <tr> <td></td> <td>1,777,000</td> </tr> <tr> <td>** U.T.A.P.</td> <td>3,500,000</td> </tr> <tr> <td>M.T.C. Special</td> <td>13,311,700</td> </tr> <tr> <td>M.T.C. Compensation</td> <td>350,400</td> </tr> <tr> <td></td> <td>17,162,100</td> </tr> </table>	* Study	50,000	Utilities	400,000	Engineering	1,327,000		1,777,000	** U.T.A.P.	3,500,000	M.T.C. Special	13,311,700	M.T.C. Compensation	350,400		17,162,100	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL				
* Study	50,000																					
Utilities	400,000																					
Engineering	1,327,000																					
	1,777,000																					
** U.T.A.P.	3,500,000																					
M.T.C. Special	13,311,700																					
M.T.C. Compensation	350,400																					
	17,162,100																					



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35112 File Number: 811-07	Financial Report Page: 2 Appendix Page: A18																										
Project Description King Street, Stoney Creek Stoney Brook Drive to Hwy. 8 Stoney Brook Drive to Hwy. 8 Widening and Reconstruction of King Street	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>140,000</td></tr><tr><td>Land</td><td>753,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td></td></tr><tr><td>Subsidy R.S. Contributions</td><td>349,000</td></tr><tr><td>TOTAL</td><td>349,000</td></tr><tr><td>Net Cost</td><td>544,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional</td><td>544,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>544,000</td></tr></table>	Design	140,000	Land	753,000	Construction		Other		TOTAL		Subsidy R.S. Contributions	349,000	TOTAL	349,000	Net Cost	544,000	Amount to be Financed:		Regional	544,000	Property Owners		Other		TOTAL	544,000	Need for Project - Need to provide additional roadway capacity - Roadway structurally deficient
Design	140,000																											
Land	753,000																											
Construction																												
Other																												
TOTAL																												
Subsidy R.S. Contributions	349,000																											
TOTAL	349,000																											
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Amount to be Financed:																												
Regional	544,000																											
Property Owners																												
Other																												
TOTAL	544,000																											
Municipality Stoney Creek	Additional Information																											
Map to Locate Project 		Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>10,000</td></tr><tr><td>Annual Costs</td><td>10,000</td></tr><tr><td>TOTAL</td><td>10,000</td></tr></table>	Debt Charges	10,000	Annual Costs	10,000	TOTAL	10,000																				
Debt Charges	10,000																											
Annual Costs	10,000																											
TOTAL	10,000																											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35083 File Number: T100-02	Financial Report Page: 2 Appendix Page: A13
<u>Project Description</u> Mountain East/West, North/South Freeway Proposed Roadway Construction across the Mountain and Niagara Escarpment from Hwy. #403, Ancaster to the Q.E.W. in East Hamilton <u>Municipality</u> Ancaster Hamilton	<u>Capital Cost Estimate</u> Design 10,700,000 Land Construction Other TOTAL 10,700,000 Subsidy R.S. Contributions 9,726,300 TOTAL 9,726,300 Net Cost 973,700 Amount to be Financed: Regional Property Owners 973,700 Other TOTAL 973,700	<u>Need for Project</u> - As designated in the Regional Official Plan <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1981 Expenditures: Prior Region Other To Budget 1,825,000 1,825,000 1982 150,000 1,250,000 1,400,000 1983 150,000 1,250,000 1,400,000 1984 150,000 1,250,000 1,400,000 1985 150,000 1,250,000 1,400,000 1986 373,700 2,901,300 1987 & After TOTAL 973,700 9,726,300 10,700,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35043 File Number: 813-37	Financial Report Page: 2 Appendix Page:																																								
<u>Project Description</u> Mohawk Road at Upper Gage Avenue Complete Reconstruction and Channelization of the Intersection <u>Municipality</u> City of Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>40,000</td></tr><tr><td>Land</td><td>514,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>544,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>277,000</td></tr><tr><td>TOTAL</td><td>277,000</td></tr><tr><td>Net Cost</td><td>277,000</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>277,000</td></tr><tr><td>TOTAL</td><td>277,000</td></tr></table>	Design	40,000	Land	514,000	Construction		Other		TOTAL	544,000	Subsidy R.S. Contributions	277,000	TOTAL	277,000	Net Cost	277,000	Amount to be Financed: Regional Property Owners Other	277,000	TOTAL	277,000	<u>Need for Project</u> - Need to provide for additional intersection capacity and safety <u>Additional Information</u>																				
Design	40,000																																									
Land	514,000																																									
Construction																																										
Other																																										
TOTAL	544,000																																									
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FIVE YEAR CAPITAL BUDGET

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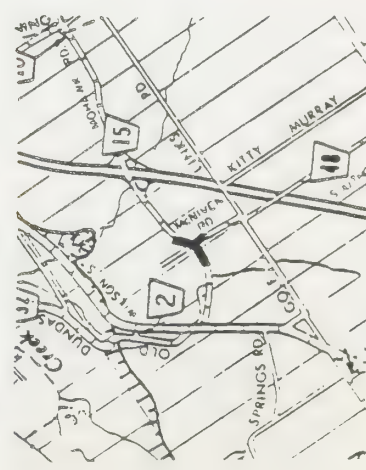
Department/Agency: Engineering Function: Transportation Services	Project Number: 35042 File Number: 813-29	Financial Report Page: 2 Appendix Page:																																						
Project Description Mohawk Road at Upper Sherman Avenue - City of Hamilton Complete Reconstruction and Channelization of Intersection Municipality City of Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>105,000</td></tr><tr><td>Land</td><td>566,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>671,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>318,000</td></tr><tr><td>TOTAL</td><td>318,000</td></tr><tr><td>Net Cost</td><td>318,000</td></tr><tr><td>TOTAL</td><td>353,000</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>353,000</td></tr><tr><td>TOTAL</td><td>353,000</td></tr></table>	Design	105,000	Land	566,000	Construction		Other		TOTAL	671,000	Subsidy R.S. Contributions	318,000	TOTAL	318,000	Net Cost	318,000	TOTAL	353,000	Amount to be Financed: Regional Property Owners Other	353,000	TOTAL	353,000	Need for Project - Need to provide for additional intersection capacity Additional Information																
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FIVE YEAR CAPITAL BUDGET

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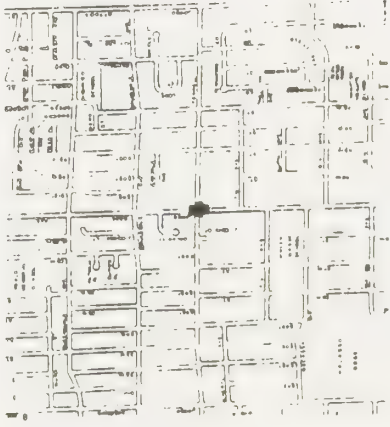
Department/Agency: Engineering Function: Transportation Services	Project Number: 35055 File Number: 813-31	Financial Report Page: 2 Appendix Page: A8																																				
<u>Project Description</u> Mohawk Road at McNiven Road Complete Reconstruction and Channelization of Intersection <u>Municipality</u> Town of Ancaster	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>42,000</td></tr><tr><td>Land</td><td>553,800</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>575,800</td></tr><tr><td>Subsidy R.S. Contributions</td><td>261,300</td></tr><tr><td>TOTAL</td><td>261,300</td></tr><tr><td>Net Cost</td><td>314,500</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional</td><td>314,500</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>314,500</td></tr></table>	Design	42,000	Land	553,800	Construction		Other		TOTAL	575,800	Subsidy R.S. Contributions	261,300	TOTAL	261,300	Net Cost	314,500	Amount to be Financed:		Regional	314,500	Property Owners		Other		TOTAL	314,500	<u>Need for Project</u> - Need to provide for safe crossing of vehicles and pedestrians <u>Additional Information</u>										
Design	42,000																																					
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35166 File Number:	Financial Report Page: 3 Appendix Page: A8																																				
<u>Project Description</u> Fennell Avenue at Upper Gage Avenue Complete Reconstruction and Channelization of the Intersection <u>Municipality</u> City of Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>107,000</td></tr><tr><td>Land</td><td>462,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>569,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>271,800</td></tr><tr><td>TOTAL</td><td>271,800</td></tr><tr><td>Net Cost</td><td>297,200</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>297,200</td></tr><tr><td>TOTAL</td><td>297,200</td></tr></table>	Design	107,000	Land	462,000	Construction		Other		TOTAL	569,000	Subsidy R.S. Contributions	271,800	TOTAL	271,800	Net Cost	297,200	Amount to be Financed: Regional Property Owners Other	297,200	TOTAL	297,200	<u>Need for Project</u> - Need to provide for additional roadway capacity <u>Additional Information</u>																
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35120 File Number: 806-11	Financial Report Page: 3 Appendix Page: A8																																
Project Description Fennell Avenue at Upper Sherman Avenue Complete Reconstruction and Channelization of the Intersection Municipality City of Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>102,000</td></tr><tr><td>Land</td><td>442,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>544,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>266,500</td></tr><tr><td>TOTAL</td><td>277,500</td></tr><tr><td>Net Cost</td><td></td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional Property Owners</td><td>277,500</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>277,500</td></tr></table>	Design	102,000	Land	442,000	Construction		Other		TOTAL	544,000	Subsidy R.S. Contributions	266,500	TOTAL	277,500	Net Cost		Amount to be Financed:		Regional Property Owners	277,500	Other		TOTAL	277,500	Need for Project - Need to provide for additional intersection capacity and safety Additional Information								
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Map to Locate Project 	Cash Flow O.M.B. Required 1981 <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>68,000</td><td>36,500</td><td>104,500</td></tr><tr><td>1982</td><td>17,500</td><td>49,000</td><td>66,500</td></tr><tr><td>1984</td><td>16,500</td><td>16,500</td><td>33,000</td></tr><tr><td>1985</td><td>175,500</td><td>164,500</td><td>340,000</td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>277,500</td><td>266,500</td><td>544,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	68,000	36,500	104,500	1982	17,500	49,000	66,500	1984	16,500	16,500	33,000	1985	175,500	164,500	340,000	1986				1987 & After				TOTAL	277,500	266,500	544,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering

Function: Transportation Services

Project Number: 36004

File Number:

Financial Report Page: 3

Appendix Page:

Project Description

Upper Sherman Avenue - City of Hamilton
Berko Avenue to Limeridge Road

Construction and Widening to Four Lanes

Municipality

City of Hamilton

Capital Cost Estimate

Design
Land
Construction 428,500
Other

TOTAL 428,500

Subsidy R.S.
Contributions 207,600

Net Cost
TOTAL 207,600
220,900

Amount to be Financed:
Regional
Property Owners 220,900
Other

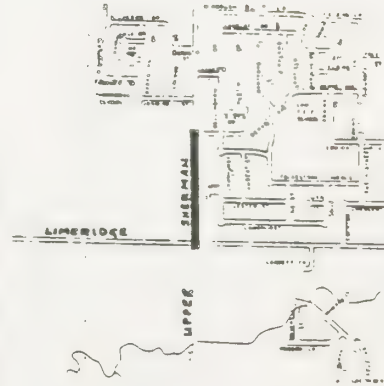
TOTAL 220,900

Need for Project

- Need to provide for anticipated growth trend
- Roadway structurally deficient

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1981

Expenditures:

Prior	Region	Other	Total
To Budget	220,900	181,600	402,500
1982		26,000	26,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	220,900	207,600	428,500

Effect on Current Budget

Debt Charges

Annual Costs

TOTAL



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Department/Agency: Engineering
Function: Transportation Services

Project Number: 36009
File Number: 813-39

Financial Report Page: 3
Appendix Page: A8

Project Description

Mohawk Road at Upper Ottawa Street
Complete Reconstruction and
Channelization of the Intersection

Municipality

City of Hamilton

Capital Cost Estimate

Design 11,000
Land 67,000
Construction 475,000
Other

TOTAL 553,000

Subsidy R.S.
Contributions

264,000

TOTAL 264,000

Net Cost 289,000

Amount to be Financed:
Regional Property Owners 289,000
Other

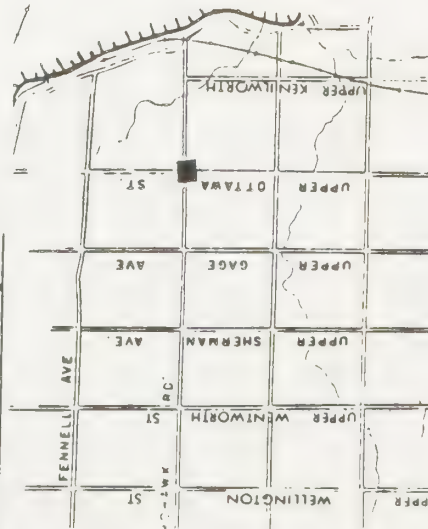
TOTAL 289,000

Need for Project

- Need to provide for additional
intersect capacity and safety

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:	1985	Other Contrib	Total
Prior To Budget	11,000		11,000
1982			
1983			
1984			
1985	34,000		34,000
1986	244,000	264,000	508,000
1987 & After			
TOTAL	289,000	264,000	553,000

Effect on Current Budget

Debt Charges
Annual Costs

TOTAL



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Transportation Services	Project Number: 35182 File Number: 813-35	Financial Report Page: 3 Appendix Page: A8																																				
<u>Project Description</u> Main Street West Paradise Road to Haddon Widening and Channelization <u>Municipality</u> City of Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>15,000</td></tr><tr><td>Land</td><td>106,800</td></tr><tr><td>Construction</td><td>857,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>978,800</td></tr><tr><td>Subsidy R.S. Contributions</td><td>465,900</td></tr><tr><td>TOTAL</td><td>465,900</td></tr><tr><td>Net Cost</td><td>512,900</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional Property Owners</td><td>497,900</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>497,900</td></tr></table>	Design	15,000	Land	106,800	Construction	857,000	Other		TOTAL	978,800	Subsidy R.S. Contributions	465,900	TOTAL	465,900	Net Cost	512,900	Amount to be Financed:		Regional Property Owners	497,900	Other		TOTAL	497,900	<u>Need for Project</u> - Need to provide additional roadway capacity <u>Additional Information</u>												
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1982 - 1986

Department/Agency: Engineering

Function: Transportation Services

Project Number: 35165

File Number: 813-08
813-22

Financial Report Page: 4

Appendix Page: A14

Project Description

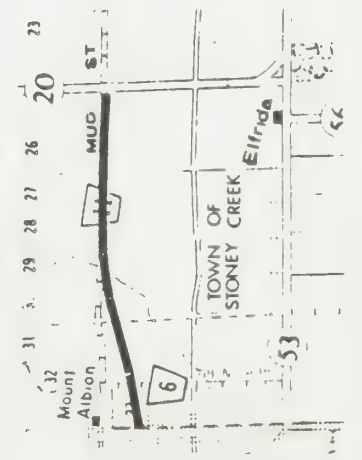
Mud Street, Stoney Creek Hwy. #20 to Mount Albion Road
Hamilton East City Limits to Hwy. #20

Widening Road Allowance to 200 Feet and Roadway Construction

Municipality

Stoney Creek

Map to Locate Project



Capital Cost Estimate

Design Land Construction Other

750,000
2,250,000

TOTAL3,000,000

Subsidy R.S. Contributions

1,431,200

TOTAL1,431,200

Net Cost

1,568,800

Amount to be Financed: Regional Property Owners Other

1,568,800

TOTAL1,568,800

Cash Flow

O.M.B. Required1988

Expenditures:

Prior To Budget

198219831984198519861987 & After

347,8001,221,1001,127,1002,348,200

Region

347,800

Other Contrib

268,000

Total

675,800

36,00036,000

TOTAL1,568,9001,431,1003,000,000

Need for Project

- Saltfleet Community Development

- Contingent on decisions regarding the Mountain east/west and north/south freeway

Additional Information

- Property acquisition, easterly from Sir Isaac Brock, continuing

- 1981 construction for Mud and Paramount intersection

Effect on Current Budget

Debt Charges

Annual Costs

15,00015,000

TOTAL



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Transportation Services</p>	<p>Project Number: 36010</p> <p>File Number: T112-04</p>	<p>Financial Report Page: 4</p> <p>Appendix Page: A15</p>																																							
<p><u>Project Description</u></p> <p>Fiddler's Green Road, Ancaster, Hwy. 403</p> <p>Partial Interchange by the M.T.C. and Widening to Hwy. #53</p> <p>M.T.C. will construct a Partial Interchange. Region will participate in Widening of Fiddler's Green Road to Hwy. #53</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td>30,000</td></tr><tr><td>Land</td><td>100,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>130,000</td></tr></table> <table><tr><td>Subsidy R.S.</td><td>63,000</td></tr><tr><td>Contributions</td><td></td></tr><tr><td>TOTAL</td><td>63,000</td></tr></table> <table><tr><td>Net Cost</td><td>67,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional</td><td>67,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>67,000</td></tr></table>	Design	30,000	Land	100,000	Construction		Other		TOTAL	130,000	Subsidy R.S.	63,000	Contributions		TOTAL	63,000	Net Cost	67,000	Regional	67,000	Property Owners		Other		TOTAL	67,000	<p><u>Need for Project</u></p> <ul style="list-style-type: none">- Request by Town of Ancaster to the Ministry for a partial interchange- Need to provide link to alternate route to expanded airport <p><u>Additional Information</u></p>													
Design	30,000																																								
Land	100,000																																								
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Transportation Services</p>	<p>Project Number: 36011</p> <p>File Number:</p>	<p>Financial Report Page: 4</p> <p>Appendix Page: A13</p>																																				
<p><u>Project Description</u></p> <p>Airport Access Roads - Town of Ancaster and Township of Glancaster</p> <p>Intersection Improvements, Road Closures and Construction of Extension to Airport Road</p> <p>Road Closure: Glancaster Road</p> <p>Intersection Improvements: Fiddler's Green and Butter Road, Glancaster Road and Dickinson Road, Dickinson Road and Hwy. #6</p> <p>Extension of Airport Road to Butter Road Municipality</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>84,200</td></tr><tr><td>Construction</td><td>959,800</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,044,000</td></tr></table> <table><tr><td>Subsidy R.S.</td><td>204,900</td></tr><tr><td>Contributions FED.</td><td>634,100</td></tr><tr><td>TOTAL</td><td>839,000</td></tr></table> <table><tr><td>Net Cost</td><td>205,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional Property Owners</td><td>205,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>205,000</td></tr></table>	Design		Land	84,200	Construction	959,800	Other		TOTAL	1,044,000	Subsidy R.S.	204,900	Contributions FED.	634,100	TOTAL	839,000	Net Cost	205,000	Regional Property Owners	205,000	Other		TOTAL	205,000	<p><u>Need for Project</u></p> <p>- Need to provide improved facilities for airport</p> <p>- Need to provide alternative routing when roads are closed to accommodate new runway</p> <p><u>Additional Information</u></p>												
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation Services	Project Number: 36012 File Number:	Financial Report Page: 4 Appendix Page: A8
<u>Project Description</u> Mohawk Road - Upper Wellington to Upper Wentworth Street - City of Hamilton Widening and Reconstruction <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction 525,000 Other TOTAL 525,000 Subsidy R.S. Contributions 257,200 TOTAL 257,200 Net Cost 267,800 Amount to be Financed: Regional Property Owners 267,800 Other TOTAL 267,800	<u>Need for Project</u> - Roadway structurally deficient - Roadway width substandard <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1984 Expenditures: Prior Region Other To Budget Contrib Total 1982 214,200 205,800 420,000 1983 53,600 51,400 105,000 1984 1985 1986 1987 & After TOTAL 267,800 257,200 525,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Transportation Services	Project Number: 36013 File Number: 803-23	Financial Report Page: 4 Appendix Page:
<u>Project Description</u> Cannon Street - Wellington Street to Bay Street - City of Hamilton Complete Reconstruction	<u>Capital Cost Estimate</u> Design Land Construction 800,000 Other TOTAL 800,000 Subsidy R.S. Contributions 360,000 TOTAL 360,000 Net Cost 440,000 Amount to be Financed: Regional Property Owners 440,000 Other TOTAL 440,000	<u>Need for Project</u> - Roadway structurally deficient - Roadway width substandard
<u>Municipality</u>		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 440,000 360,000 800,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation Services	Project Number: 36014 File Number:	Financial Report Page: 4 Appendix Page: A8
<u>Project Description</u> Upper Gage Avenue - Concession Street to Mohawk Road - City of Hamilton Complete Reconstruction <u>Municipality</u>	<u>Capital Cost Estimate</u> Design 850,000 Land Construction Other TOTAL 850,000 Subsidy R.S. Contributions 412,300 TOTAL 412,300 Net Cost 437,700 Amount to be Financed: Regional 437,700 Property Owners Other TOTAL 437,700	<u>Need for Project</u> - Roadway structurally deficient <u>Additional Information</u> - Intersection improvement - Upper Gage and Mohawk constructed in 1981 - Intersection improvement - Upper Gage and Fennell will be constructed in 1984
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1986 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL Region Other Contrib Total 437,700 412,300 850,000 437,700 412,300 850,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: 36154	Financial Report Page: 5																																								
Function: Transportation Services	File Number: 802-25	Appendix Page:																																								
Project Description Bay Street, Herkimer Street to Hunter Street - City of Hamilton Reconstruction and Widening in conjunction with Sewer Works	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>314,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>314,000</td></tr><tr><td>Subsidy R.S. Contributions</td><td>150,800</td></tr><tr><td>TOTAL</td><td>150,800</td></tr><tr><td>Net Cost</td><td>163,200</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>163,200</td></tr><tr><td>TOTAL</td><td>163,200</td></tr></table>	Design		Land		Construction	314,000	Other		TOTAL	314,000	Subsidy R.S. Contributions	150,800	TOTAL	150,800	Net Cost	163,200	Amount to be Financed: Regional Property Owners Other	163,200	TOTAL	163,200	Need for Project - Critical deficiency in road width - Critical structural deficiency of road																				
Design																																										
Land																																										
Construction	314,000																																									
Other																																										
TOTAL	314,000																																									
Subsidy R.S. Contributions	150,800																																									
TOTAL	150,800																																									
Net Cost	163,200																																									
Amount to be Financed: Regional Property Owners Other	163,200																																									
TOTAL	163,200																																									
Municipality Hamilton		Additional Information																																								
Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required</th><th>1987</th><th>Other</th><th>Total</th></tr><tr><td>Expenditures:</td><td></td><td></td><td></td></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td>163,200</td><td>150,800</td><td>314,000</td></tr><tr><td>TOTAL</td><td>163,200</td><td>150,800</td><td>314,000</td></tr></table>	O.M.B. Required	1987	Other	Total	Expenditures:				Prior To Budget				1982				1983				1984				1985				1986				1987 & After	163,200	150,800	314,000	TOTAL	163,200	150,800	314,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
O.M.B. Required	1987	Other	Total																																							
Expenditures:																																										
Prior To Budget																																										
1982																																										
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1987 & After	163,200	150,800	314,000																																							
TOTAL	163,200	150,800	314,000																																							



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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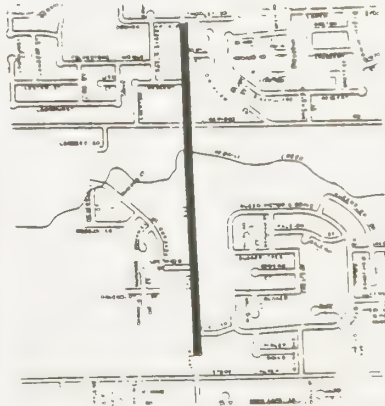
Department/Agency: Engineering Function: Transportation Services	Project Number: 36159 File Number:	Financial Report Page: 5 Appendix Page: A13																																
<u>Project Description</u> Upper Ottawa Street - Stone Church Road to Rymal Road - City of Hamilton Complete Reconstruction and Widening to Four (4) Lanes <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td>470,000</td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>470,000</td> </tr> <tr> <td>Subsidy R.S.</td> <td>225,600</td> </tr> <tr> <td>Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>225,600</td> </tr> <tr> <td>Net Cost</td> <td>244,400</td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional</td> <td>244,400</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>244,400</td> </tr> </table>	Design		Land	470,000	Construction		Other		TOTAL	470,000	Subsidy R.S.	225,600	Contributions		TOTAL	225,600	Net Cost	244,400	Amount to be Financed:		Regional	244,400	Property Owners		Other		TOTAL	244,400	<u>Need for Project</u> - Provide improved service for Mountain industrial lands.				
Design																																		
Land	470,000																																	
Construction																																		
Other																																		
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<u>Map to Locate Project</u> 		<u>Additional Information</u>																																
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Prior To Budget	Region	Other Contrib	Total																															
1982																																		
1983																																		
1984																																		
1985																																		
1986																																		
1987 & After	244,400	225,600	470,000																															
TOTAL	244,400	225,600	470,000																															



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Transportation Services	Project Number: 36158 File Number:	Financial Report Page: 5 Appendix Page: A14
<u>Project Description</u> Upper Gage Avenue - City of Hamilton Thorly Avenue to 500 Feet North of Stone Church Road Staged Construction and Widening to 4 Lanes <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 623,500 Other TOTAL 623,500 Subsidy R.S. Contributions 299,100 TOTAL 299,100 Net Cost 324,400 Amount to be Financed: Regional Property Owners 324,400 Other TOTAL 324,400	<u>Need for Project</u> - Need to provide for anticipated growth trend - Roadway structurally deficient
<u>Map to Locate Project</u> 		<u>Additional Information</u>
<u>Cash Flow</u> O.M.B. Required 1987 Expenditures: Other Prior Region Contrib Total To Budget 1982 1983 1984 1985 1986 1987 & After 324,400 299,100 623,500 TOTAL 324,400 299,100 623,500		<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Conservation Authority
Function: Confederation Park

Project Description

Wave Action Pool

Municipality

Hamilton

Project Number:

File Number:

Financial Report Page: 6

Appendix Page:

Capital Cost Estimate

Design	
Land	
Construction	3,150,000
Other	

TOTAL 3,150,000

Subsidy	Wintario
Contributions	Grant

1,333,000

TOTAL

NIL

1,817,000

Net Cost

Amount to be Financed:

1,817,000

Regional C.L.

Property Owners

Other

Additional Information

- Funds to be made available internally and repaid over five years

Need for Project

- To provide a viable recreation facility for residents of the Region to promote tourism

Map to Locate Project

Cash Flow

O.M.B. Required 1982

Expenditures:

Total

Other Contrib

Prior To Budget

Region

1982	800,000		800,000
1983	167,000	1,333,000	1,500,000
1984	850,000		850,000
1985			
1986			
1987 & After			

TOTAL 1,817,000 1,333,000 3,150,000

Effect on Current Budget

Debt Charges

Annual Costs

TOTAL



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Social Services Function: Homes for the Aged	Project Number: N5102 File Number:	Financial Report Page: 7 Appendix Page:																																				
Project Description Macassa Lodge Alteration and Additions Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>950,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>950,000</td></tr><tr><td>Subsidy Provincial Contributions</td><td>450,000</td></tr><tr><td>TOTAL</td><td>450,000</td></tr><tr><td>Net Cost</td><td>500,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>500,000</td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table>	Design	950,000	Land		Construction		Other		TOTAL	950,000	Subsidy Provincial Contributions	450,000	TOTAL	450,000	Net Cost	500,000	Amount to be Financed: Regional St. S.R. Property Owners Other	500,000	TOTAL	500,000	Need for Project Additional Information																
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Debt Charges	65,000																																					
Annual Costs																																						
TOTAL	65,000																																					



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Social Services Function: Homes for the Ages	Project Number: N5103 File Number:	Financial Report Page: 7 Appendix Page:																																														
<u>Project Description</u> Proposed Lodge - Stoney Creek - Land Acquisition <u>Municipality</u> Stoney Creek	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>200,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy M.C.S.C. Contributions</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr><tr><td>Net Cost</td><td>100,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr></table>	Design	200,000	Land		Construction		Other		TOTAL	200,000	Subsidy M.C.S.C. Contributions	100,000	TOTAL	100,000	Net Cost	100,000	Amount to be Financed: Regional St. S.R. Property Owners Other	100,000	TOTAL	100,000	<u>Need for Project</u> <u>Additional Information</u>																										
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Net Cost	100,000																																															
Amount to be Financed: Regional St. S.R. Property Owners Other	100,000																																															
TOTAL	100,000																																															
<u>Map to Locate Project</u>	<u>Cash Flow</u> <table border="1"><tr><th>O.M.B. Required</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Expenditures:</td><td></td><td></td><td></td></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>100,000</td><td>100,000</td><td>200,000</td></tr></table>	O.M.B. Required	Region	Other Contrib	Total	Expenditures:				Prior To Budget				1982				1983				1984				1985				1986				1987 & After				TOTAL	100,000	100,000	200,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>21,500</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>21,500</td></tr></table>	Debt Charges	21,500	Annual Costs		TOTAL	21,500
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Social Services Function: Homes for the Aged	Project Number: N6103A File Number:	Financial Report Page: 7 Appendix Page:
Project Description Proposed Lodge - Stoney Creek - Construction and Furnishings <u>Municipality</u> Stoney Creek	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy M.C.SS Contributions TOTAL Net Cost Amount to be Financed: Regional St. S. R. Property Owners Other TOTAL	Need for Project Additional Information
Map to Locate Project	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: R4250	Financial Report Page: 8																																				
Function: Industrial Development	File Number:	Appendix Page:																																				
<u>Project Description</u> Land Acquisition - 1974 <u>Municipality</u>	<u>Capital Cost Estimate</u> Design 300,000 Land Construction Other TOTAL 300,000 Subsidy Contributions TOTAL NIL Net Cost 300,000 Amount to be Financed: Regional C.L. 300,000 Property Owners Other TOTAL 300,000	<u>Need for Project</u> <u>Additional Information</u>																																				
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: <table border="1"><thead><tr><th>Prior</th><th>Region</th><th>Other</th><th>Total</th></tr></thead><tbody><tr><td>To Budget</td><td>300,000</td><td></td><td>300,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>300,000</td><td></td><td>300,000</td></tr></tbody></table>	Prior	Region	Other	Total	To Budget	300,000		300,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	300,000		300,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
Prior	Region	Other	Total																																			
To Budget	300,000		300,000																																			
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FIVE YEAR CAPITAL BUDGET
1982 - 1986

<p>Department/Agency: Engineering</p> <p>Function: Industrial Development</p>	<p>Project Number: R5250</p> <p>File Number:</p>	<p>Financial Report Page: 8</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Land Acquisition - 1975</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>1,000,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,000,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL NIL</p> <p>Net Cost</p> <p>1,000,000</p> <p>Amount to be Financed:</p> <p>Regional C.L.</p> <p>Property Owners</p> <p>Other</p> <p>1,000,000</p> <p>TOTAL 1,000,000</p>	Design		Land	1,000,000	Construction		Other		TOTAL	1,000,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																						
Design																																		
Land	1,000,000																																	
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Prior To Budget	Region	Other Contrib	Total																															
1982	1,000,000	1,000,000	1,000,000																															
1983																																		
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1985																																		
1986																																		
1987 & After																																		
TOTAL	1,000,000		1,000,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Industrial Development	Project Number: R6250 File Number:	Financial Report Page: 8 Appendix Page:
<u>Project Description</u> Land Acquisition - 1976 <u>Municipality</u>	<u>Capital Cost Estimate</u> Design 2,200,000 Land Construction Other TOTAL 2,200,000 Subsidy Contributions TOTAL NIL Net Cost 2,200,000 Amount to be Financed: Regional C.L. 2,200,000 Property Owners Other TOTAL 2,200,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: Prior Region Other To Budget 2,200,000 2,200,000 1982 1983 1984 1985 1986 1987 & After TOTAL 2,200,000 2,200,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Industrial Development</p>	<p>Project Number: R7250</p> <p>File Number:</p>	<p>Financial Report Page: 8</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Land Acquisition - 1977</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td>375,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>375,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>Net Cost</p> <p>375,000</p> <p>Amount to be Financed:</p> <p>Regional C.L.</p> <p>Property Owners</p> <p>Other</p> <p>375,000</p> <p>TOTAL</p> <p>375,000</p>	Design	375,000	Land		Construction		Other		TOTAL	375,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																										
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Prior	Region	Other	Total																																			
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1987 & After																																						
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Industrial Development	Project Number: R8250 File Number:	Financial Report Page: 8 Appendix Page:																																				
<u>Project Description</u> Land Acquisition - 1978 <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>919,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>919,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>919,000</td></tr><tr><td>Amount to be Financed: Regional C.L. Property Owners Other</td><td>919,000</td></tr><tr><td>TOTAL</td><td>919,000</td></tr></table>	Design	919,000	Land		Construction		Other		TOTAL	919,000	Subsidy Contributions		TOTAL	NIL	Net Cost	919,000	Amount to be Financed: Regional C.L. Property Owners Other	919,000	TOTAL	919,000	<u>Need for Project</u> <u>Additional Information</u>																
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<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: <table border="1"><thead><tr><th>Prior</th><th>Region</th><th>Other</th><th>Total</th></tr></thead><tbody><tr><td>To Budget</td><td>919,000</td><td></td><td>919,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>919,000</td><td></td><td>919,000</td></tr></tbody></table>	Prior	Region	Other	Total	To Budget	919,000		919,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	919,000		919,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
Prior	Region	Other	Total																																			
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

<p>Department/Agency: Engineering</p> <p>Function: Industrial Development</p>	<p>Project Number: R9250</p> <p>File Number:</p>	<p>Financial Report Page: 8</p> <p>Appendix Page:</p>										
<p><u>Project Description</u></p> <p>Land Acquisition - 1979</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td>566,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>566,000</td></tr></table> <p>Subsidy</p> <p>Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>566,000</p> <p>Net Cost</p> <p>566,000</p> <p>Amount to be Financed:</p> <p>Regional C.L.</p> <p>Property Owners</p> <p>Other</p> <p>566,000</p> <p>TOTAL</p> <p>566,000</p>	Design	566,000	Land		Construction		Other		TOTAL	566,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>
Design	566,000											
Land												
Construction												
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required</p> <p>Expenditures:</p> <table><tr><td>Prior</td><td>Region</td><td>Other</td><td>Total</td></tr><tr><td>To Budget</td><td>566,000</td><td>Contrib</td><td>566,000</td></tr></table> <p>1982</p> <p>1983</p> <p>1984</p> <p>1985</p> <p>1986</p> <p>1987 & After</p> <p>TOTAL</p> <p>566,000</p> <p>566,000</p>	Prior	Region	Other	Total	To Budget	566,000	Contrib	566,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>		
Prior	Region	Other	Total									
To Budget	566,000	Contrib	566,000									



FIVE YEAR CAPITAL BUDGET

1982 - 1986

<p>Department/Agency: Engineering</p> <p>Function: Industrial Development</p>	<p>Project Number: R10250</p> <p>File Number:</p>	<p>Financial Report Page: 9</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Land Acquisition - 1980</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>1,000,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,000,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>Net Cost</p> <p>1,000,000</p> <p>Amount to be Financed:</p> <p>Regional C.L.</p> <p>Property Owners</p> <p>Other</p> <p>1,000,000</p> <p>TOTAL</p> <p>1,000,000</p>	Design		Land	1,000,000	Construction		Other		TOTAL	1,000,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																										
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Prior	Region	Other	Total																																			
To Budget	1,000,000		1,000,000																																			
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1987 & After																																						
TOTAL	1,000,000		1,000,000																																			



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering	Project Number: R11250	Financial Report Page: 9																																				
Function: Industrial Development	File Number:	Appendix Page:																																				
<u>Project Description</u> Land Acquisition - 1981	<u>Capital Cost Estimate</u> Design 980,000 Land Construction Other TOTAL 980,000 Subsidy Contributions TOTAL NIL Net Cost 980,000 Amount to be Financed: Regional C.L. 780,000 Property Owners Other L.S. 200,000 TOTAL 980,000	<u>Need for Project</u>																																				
<u>Municipality</u>		<u>Additional Information</u>																																				
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: <table border="1"><thead><tr><th>Prior</th><th>Region</th><th>Other</th><th>Total</th></tr></thead><tbody><tr><td>To Budget</td><td>980,000</td><td></td><td>980,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>980,000</td><td></td><td>980,000</td></tr></tbody></table>	Prior	Region	Other	Total	To Budget	980,000		980,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	980,000		980,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
Prior	Region	Other	Total																																			
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1987 & After																																						
TOTAL	980,000		980,000																																			



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Industrial Development	Project Number: R12250 File Number:	Financial Report Page: 9 Appendix Page:
<u>Project Description</u> Land Acquisition - 1982 <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land 1,140,000 Construction Other TOTAL 1,140,000 Subsidy Contributions TOTAL NIL Net Cost 1,140,000 Amount to be Financed: Regional L.S. 1,140,000 Property Owners Other TOTAL 1,140,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: Prior Region Other To Budget Contrib Total 1982 1,140,000 1,140,000 1983 1984 1985 1986 1987 & After TOTAL 1,140,000 1,140,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



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<p>Department/Agency: Engineering</p> <p>Function: Industrial Development</p>	<p>Project Number: R13250</p> <p>File Number:</p>	<p>Financial Report Page: 9</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Land Acquisition - 1984</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td>520,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>520,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>520,000</p> <p>Net Cost</p> <p>520,000</p> <p>Amount to be Financed:</p> <p>Regional L.S.</p> <p>Property Owners</p> <p>Other</p> <p>520,000</p> <p>TOTAL</p> <p>520,000</p>	Design	520,000	Land		Construction		Other		TOTAL	520,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																						
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Prior To Budget	Region	Other Contrib	Total																															
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1986																																		
1987 & After																																		
TOTAL	520,000		520,000																															



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Industrial Development	Project Number: R14250 File Number:	Financial Report Page: 9 Appendix Page:
<u>Project Description</u> Land Acquisition - 1984 <u>Municipality</u>	<u>Capital Cost Estimate</u> Design 150,000 Land Construction Other TOTAL 150,000 Subsidy Contributions TOTAL NIL Net Cost 150,000 Amount to be Financed: Regional L.S. Property Owners Other TOTAL 150,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 150,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL

GENERAL RATE IN


HAMILTON

DETAIL SHEETS

FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 36207</p> <p>File Number: 813-14</p>	<p>Financial Report Page: 11</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>MacLab Street Trunk Storm Sewer - Cannon Street to Harbour - Engineering and Environmental Assessment</p> <p>Trunk Tunnel Storm Sewer</p>																																						
<p><u>Municipality</u></p> <p>Hamilton</p>																																						
<p><u>Capital Cost Estimate</u></p> <table style="width: 100%;"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>Other</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">300,000</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Subsidy Contributions</td> <td style="text-align: right;">NIL</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">300,000</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Net Cost</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional St. S.R. RES</td> <td style="text-align: right;">250,000</td> </tr> <tr> <td>Property Owners</td> <td style="text-align: right;">50,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">300,000</td> </tr> </table>			Design		Land		Construction	300,000	Other	300,000	TOTAL	300,000	Subsidy Contributions	NIL	TOTAL	300,000	Net Cost	300,000	Amount to be Financed:		Regional St. S.R. RES	250,000	Property Owners	50,000	Other		TOTAL	300,000										
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<p><u>Need for Project</u></p> <p>The trunk sewer is required to relieve an overloaded trunk sewer system.</p>																																						
<p><u>Additional Information</u></p>																																						
<p><u>Map to Locate Project</u></p> 																																						
<p><u>Cash Flow</u></p> <table style="width: 100%;"> <tr> <th>O.M.B. Required Expenditures:</th> <th>Region</th> <th>Received Other Contrib</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td style="text-align: right;">250,000</td> <td></td> <td style="text-align: right;">250,000</td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td style="text-align: right;">50,000</td> <td></td> <td style="text-align: right;">50,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">300,000</td> <td></td> <td style="text-align: right;">300,000</td> </tr> </table>			O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget	250,000		250,000	1982				1983	50,000		50,000	1984				1985				1986				1987 & After				TOTAL	300,000		300,000
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FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: H1204, H2303, H2304</p> <p>File Number:</p>	<p>Financial Report Page: 11</p> <p>Appendix Page:</p>																																														
<p><u>Project Description</u></p> <p>Limeridge Road, Upper Wentworth Street, Upper Wellington Street (O.H.A.P. - 996/1978)</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>1,542,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,542,000</td></tr></table> <table><tr><td>Subsidy M.T.C.</td><td>236,000</td></tr><tr><td>Contributions</td><td>713,000</td></tr><tr><td>TOTAL</td><td>949,000</td></tr></table> <table><tr><td>Net Cost</td><td>593,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional</td><td>280,000</td></tr><tr><td>Property Owners</td><td>313,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>593,000</td></tr></table>	Design		Land		Construction	1,542,000	Other		TOTAL	1,542,000	Subsidy M.T.C.	236,000	Contributions	713,000	TOTAL	949,000	Net Cost	593,000	Regional	280,000	Property Owners	313,000	Other		TOTAL	593,000	<p><u>Need for Project</u></p> <p>Provide for new development and prevent surface flooding.</p> <p><u>Additional Information</u></p>																				
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FIVE YEAR CAPITAL BUDGET

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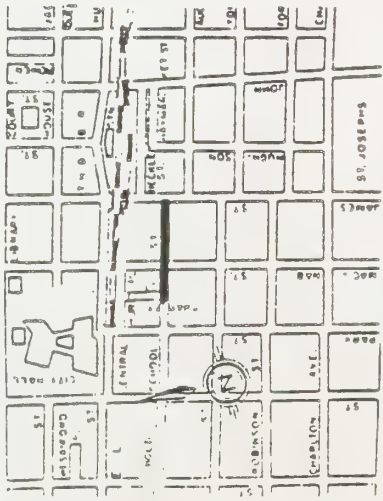
Department/Agency: Engineering Function: Storm Sewers	Project Number: 37224 File Number:	Financial Report Page: 11 Appendix Page:
<u>Project Description</u> South/West Central Area, Reconstruction of Sewers on Duke Street from James Street to Caroline Street	<u>Capital Cost Estimate</u> Design Land Construction 89,000 Other TOTAL 89,000 Subsidy Contributions TOTAL NIL 89,000 Net Cost Amount to be Financed: Regional St. S.R. Property Owners Other ,000 TOTAL 89,000	<u>Need for Project</u>
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Other Prior Region Contrib Total To Budget 89,000 89,000 1982 1983 1984 1985 1986 1987 & After TOTAL 89,000 89,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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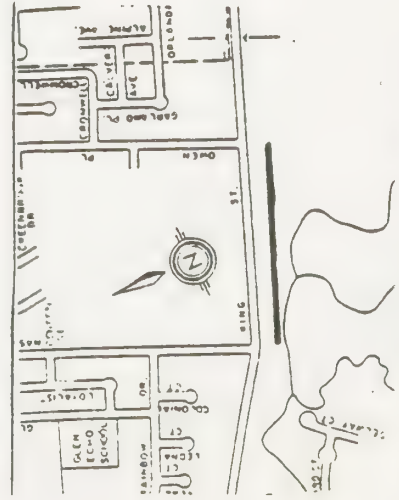
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Department/Agency: Engineering Function: Storm Sewers	Project Number: 37223 File Number: 802-15	Financial Report Page: 11 Appendix Page:
Project Description Bold Street from James Street to Charles Street Local Storm Sewer, Private Drains and Road Repairs Approximate Size - 15" to 21" Approximate Length - 780' Municipality Hamilton	Capital Cost Estimate Design Land Construction Other TOTAL 54,000 54,000 Subsidy Contributions TOTAL NIL 54,000 Net Cost 54,000 Amount to be Financed: Regional St. S.R. Property Owners Other TOTAL 54,000	Need for Project The existing sewer is inadequate in size and cannot be maintained properly. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 54,000 54,000 Received Other Contrib Total 54,000	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

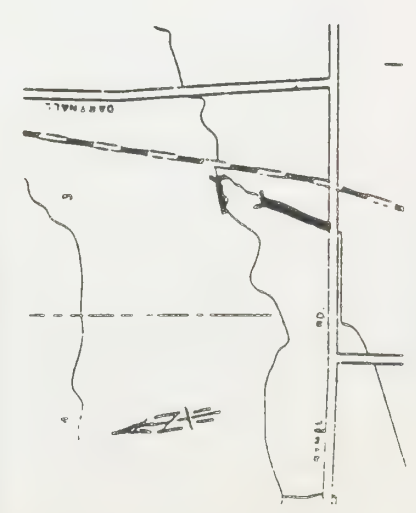
<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 35200 A</p> <p>File Number: 807-08</p>	<p>Financial Report Page: 11</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Gershome Trunk Storm Sewer - Construction</p> <p>Branch Trunk Sewer from Existing Channel to Greenhill Avenue - 60" Diameter</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land</td><td>385,000</td></tr><tr><td>Construction Other</td><td></td></tr><tr><td>TOTAL</td><td>385,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>Net Cost</p> <p>385,000</p> <p>Amount to be Financed:</p> <table><tr><td>Regional St. S.R. RES</td><td>320,000</td></tr><tr><td>Property Owners</td><td>65,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>385,000</td></tr></table>	Design Land	385,000	Construction Other		TOTAL	385,000	Regional St. S.R. RES	320,000	Property Owners	65,000	Other		TOTAL	385,000	<p><u>Need for Project</u></p> <p>To provide service to Gershome neighbourhood.</p> <p><u>Additional Information</u></p>																						
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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 36208A</p> <p>File Number: 813-17</p>	<p>Financial Report Page: 12</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>Mt. Industrial Trunk Sewer - Western Connection - Construction (Storm)</p> <p>Storm Box Sewer, Approximate Size - 13' x 9', and 42" Diameter Storm Sewer</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>394,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>394,000</td></tr><tr><td>Subsidy M.O.E. & M.T.C. Contributions</td><td>44,000</td></tr><tr><td>TOTAL</td><td>44,000</td></tr><tr><td>Net Cost</td><td>350,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>350,000</td></tr><tr><td>TOTAL</td><td>350,000</td></tr></table>	Design		Land		Construction	394,000	Other		TOTAL	394,000	Subsidy M.O.E. & M.T.C. Contributions	44,000	TOTAL	44,000	Net Cost	350,000	Amount to be Financed: Regional St. S.R. Property Owners Other	350,000	TOTAL	350,000	<p><u>Need for Project</u></p> <p>To provide an outlet for residential and industrial development on both sides of Rymal Road between the C.N.R. Line and Upper Sherman Avenue.</p> <p><u>Additional Information</u></p>																						
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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 38243</p> <p>File Number: 823-29</p>	<p>Financial Report Page: 12</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>Wentworth Street - from Main Street to T.H. & B. Main Line</p> <p>Storm Relief Sewer - 610 to 760 mm diameter</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>312,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>312,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>148,000</td></tr><tr><td>TOTAL</td><td>148,000</td></tr></table> <table><tr><td>Net Cost</td><td></td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>164,000</td></tr><tr><td>TOTAL</td><td>164,000</td></tr></table>	Design		Land		Construction	312,000	Other		TOTAL	312,000	Subsidy M.T.C. Contributions	148,000	TOTAL	148,000	Net Cost		Amount to be Financed: Regional St. S.R. Property Owners Other	164,000	TOTAL	164,000	<p><u>Need for Project</u></p> <p>The Region proposes to reconstruct the pavement and existing combined sewer is severely overloaded.</p> <p><u>Additional Information</u></p>																						
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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: H2309</p> <p>File Number:</p>	<p>Financial Report Page: 12</p> <p>Appendix Page:</p>																																																
<p><u>Project Description</u></p> <p>Upper Wentworth Street and Stone Church Road from Approximately 430 Metres North of Stone Church Road to Approximately 240 Metres West of Upper Wentworth Street</p> <p>- Region's Portion</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>1,700,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,700,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>30,000</td></tr><tr><td>TOTAL</td><td>30,000</td></tr></table> <table><tr><td>Net Cost</td><td>1,670,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional St. S.R.</td><td>1,545,000</td></tr><tr><td>Property Owners</td><td>125,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,670,000</td></tr></table>	Design		Land		Construction	1,700,000	Other		TOTAL	1,700,000	Subsidy M.T.C. Contributions	30,000	TOTAL	30,000	Net Cost	1,670,000	Regional St. S.R.	1,545,000	Property Owners	125,000	Other		TOTAL	1,670,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																								
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required</td><td>Received</td><td></td></tr><tr><td>Expenditures:</td><td></td><td>Other</td></tr><tr><td>Prior</td><td>Region</td><td>Contrib</td><td>Total</td></tr><tr><td>To Budget</td><td>1,108,000</td><td>155,000</td><td>1,263,000</td></tr><tr><td>1982</td><td>437,000</td><td></td><td>437,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,545,000</td><td>155,000</td><td>1,700,000</td></tr></table>	O.M.B. Required	Received		Expenditures:		Other	Prior	Region	Contrib	Total	To Budget	1,108,000	155,000	1,263,000	1982	437,000		437,000	1983				1984				1985				1986				1987 & After				TOTAL	1,545,000	155,000	1,700,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>93,800</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>93,800</td></tr></table>	Debt Charges	93,800	Annual Costs		TOTAL	93,800
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FIVE YEAR CAPITAL BUDGET

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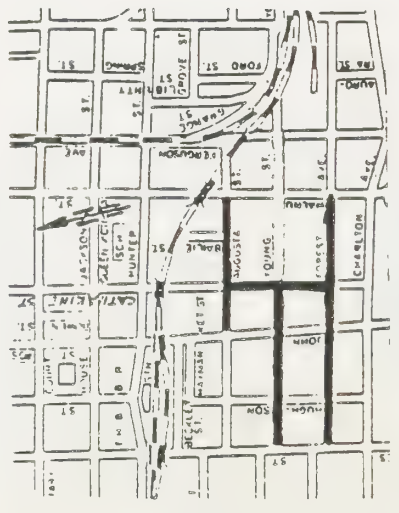
<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 38244</p> <p>File Number: 803-14</p>	<p>Financial Report Page: 12</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Dunsmure, Crosthwaite, Archibald, Hope and Kenilworth Avenue - Barons to Barton Street</p> <p>Local Storm Sewer, approximately 1220 mm Diameter, Private Drains and Road Repairs</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>671,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>671,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>220,000</td></tr><tr><td>TOTAL</td><td>220,000</td></tr></table> <table><tr><td>Net Cost</td><td>451,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>451,000</td></tr><tr><td>TOTAL</td><td>451,000</td></tr></table>	Design		Land		Construction	671,000	Other		TOTAL	671,000	Subsidy M.T.C. Contributions	220,000	TOTAL	220,000	Net Cost	451,000	Amount to be Financed: Regional St. S.R. Property Owners Other	451,000	TOTAL	451,000	<p><u>Need for Project</u></p> <p>To reduce basement flooding.</p> <p><u>Additional Information</u></p>																
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O.M.B. Required Expenditures:	Received	Other																																				
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1987 & After																																						
TOTAL	,000	220,000																																				
		671,000																																				



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 39214 File Number: 819-18	Financial Report Page: 49 Appendix Page:
Project Description Charlton System - Storm Sewers Local Storm Sewers, Private Drains and Road Repairs. Approximate Size - 380 to 1070 mm Diameter Municipality Hamilton	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy M.T.C. Contributions TOTAL Net Cost Amount to be Financed: Regional St. S.R. Property Owners Other TOTAL	Need for Project Upgrade overloaded sewers and connect the new sewers to new trunk. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 39216 File Number:	Financial Report Page: 12 Appendix Page:
<u>Project Description</u> Young Street, James Street to Catharine Street - Storm Sewer	<u>Capital Cost Estimate</u> Design Land Construction 96,000 Other TOTAL 96,000 Subsidy M.T.C. Contributions 45,000 TOTAL 45,000 Net Cost 45,000 Amount to be Financed: Regional St. S.R. 45,000 Property Owners Other 51,000 TOTAL 51,000	<u>Need for Project</u>
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior Region Other To Budget 51,000 45,000 Total 1982 1983 1984 1985 1986 1987 & After TOTAL 51,000 45,000 96,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Storm Sewer	Project Number: 39215 File Number:	Financial Report Page: 13 Appendix Page:
Project Description Jackson Street from John Street to Spring Street - Sewer Reconstruction Municipality Hamilton	Capital Cost Estimate Design 280,000 Land Construction 280,000 Other TOTAL Subsidy M.T.C. Contributions 120,000 TOTAL 120,000 Net Cost 160,000 Amount to be Financed: Regional St. RES 160,000 Property Owners Other TOTAL 160,000	Need for Project Additional Information
Map to Locate Project	Cash Flow O.M.B. Required Received Expenditures: Prior Region Other To Budget Contrib Total 1982 160,000 85,000 245,000 1983 1984 1985 1986 1987 & After TOTAL 160,000 120,000 280,000	Effect on Current Budget Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 39217 File Number:	Financial Report Page: 13 Appendix Page:
<u>Project Description</u> Holton Avenue from Delaware Avenue to 75 Metres Southerly - Storm Sewers	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy M.T.C. Contributions TOTAL Net Cost Amount to be Financed: Regional Property Owners Other TOTAL	<u>Need for Project</u>
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior Region Other To Budget 6,000 12,000 Total 18,000 1982 1983 1984 1985 1986 1987 & After TOTAL 6,000 12,000 18,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL N/A



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 39218 File Number:	Financial Report Page: 13 Appendix Page:																																				
<u>Project Description</u> Murray Street from John Street to Mary Street - Storm Sewers <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 95,000 Other TOTAL 95,000 Subsidy M.T.C. Contributions 50,000 TOTAL 50,000 45,000 Net Cost 45,000 Amount to be Financed: Regional RES 45,000 Property Owners Other TOTAL 45,000	<u>Need for Project</u> <u>Additional Information</u>																																				
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: <table><tr><td>Prior</td><td>Region</td><td>Other</td><td>Total</td></tr><tr><td>To Budget</td><td>20,000</td><td>Contrib</td><td>20,000</td></tr><tr><td>1982</td><td>25,000</td><td>30,000</td><td>75,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>45,000</td><td>50,000</td><td>95,000</td></tr></table>	Prior	Region	Other	Total	To Budget	20,000	Contrib	20,000	1982	25,000	30,000	75,000	1983				1984				1985				1986				1987 & After				TOTAL	45,000	50,000	95,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL N/A
Prior	Region	Other	Total																																			
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Department/Agency: Engineering Function: Storm Sewers	Project Number: 39202 File Number:	Financial Report Page: 13 Appendix Page:																																				
<u>Project Description</u> Southwest Central Area, Reconstruction of Sewers on Bold Street from Bay Street to Hess Street	<u>Capital Cost Estimate</u> Design Land Construction 98,000 Other TOTAL 98,000 Subsidy M.T.C. Contributions 39,000 TOTAL 39,000 Net Cost 59,000 Amount to be Financed: Regional St. S.R. 59,000 Property Owners Other TOTAL 59,000	<u>Need for Project</u>																																				
<u>Municipality</u> Hamilton		<u>Additional Information</u>																																				
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: <table border="1"><thead><tr><th>Prior</th><th>Region</th><th>Other</th><th>Total</th></tr></thead><tbody><tr><td>To Budget</td><td>59,000</td><td>39,000</td><td>98,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>59,000</td><td>39,000</td><td>98,000</td></tr></tbody></table>	Prior	Region	Other	Total	To Budget	59,000	39,000	98,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	59,000	39,000	98,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
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TOTAL	59,000	39,000	98,000																																			



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 30233 File Number: 802-31	Financial Report Page: 13 Appendix Page:																																				
Project Description Burton Street from Victoria to Wentworth - Storm Sewers and Sewer Repairs, Hamilton. Storm Sewers and Combined Sewer Repairs, Approximate Size - 600 to 900 mm Diameter Approximate Length - 420 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>365,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>365,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>84,000</td></tr><tr><td>TOTAL</td><td>84,000</td></tr><tr><td>Net Cost</td><td></td></tr><tr><td>TOTAL</td><td>281,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. RES Property Owners Other</td><td>99,000 182,000</td></tr><tr><td>TOTAL</td><td>281,000</td></tr></table>	Design		Land		Construction	365,000	Other		TOTAL	365,000	Subsidy M.T.C. Contributions	84,000	TOTAL	84,000	Net Cost		TOTAL	281,000	Amount to be Financed: Regional St. S.R. RES Property Owners Other	99,000 182,000	TOTAL	281,000	Need for Project The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction by area municipality in 1980 to reduce basement flooding.														
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O.M.B. Required Expenditures:	Region	Other Contrib	Total																																			
Prior To Budget	99,000	84,000	183,000																																			
1982																																						
1983	182,000		182,000																																			
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1986																																						
1987 & After																																						
TOTAL	281,000	84,000	365,000																																			



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 30234 File Number:	Financial Report Page: 13 Appendix Page:
Project Description Belview Avenue from Barton Street to 80 m Southerly - Storm Sewers Local Storm Sewer - Approximate Size 525 mm Diameter, Approximate Length 80 Metres Municipality Hamilton	Capital Cost Estimate Design Land Construction Other 43,000 TOTAL 43,000 Subsidy M.T.C. Contributions TOTAL NIL Net Cost 43,000 Amount to be Financed: Regional St. S.R. Property Owners Other 43,000 TOTAL 43,000	Need for Project Storm sewers must be installed in conjunction with the planned road reconstruction by area municipality in 1980 to relieve the existing overloaded combined sewer system. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required None Expenditures: Prior To Budget Region Other Contrib Total 1982 43,000 43,000 1983 1984 1985 1986 1987 & After TOTAL 43,000 43,000	Effect on Current Budget Debt Charges 100 Annual Costs 100 TOTAL 100



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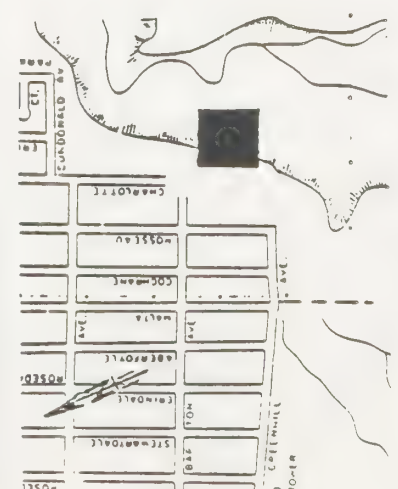
Department/Agency: Engineering Function: Storm Sewers	Project Number: 30236 File Number: 803-26	Financial Report Page: 14 Appendix Page:
Project Description Caroline Street from Bold Street to 52 m Northerly - Sewer Reconstruction Local Storm Sewer - 300 mm Diameter, Approximate Length - 55 m	Capital Cost Estimate Design Land Construction Other 30,000 TOTAL 30,000 Subsidy M.T.C. Contributions 15,000 TOTAL 15,000 Net Cost 15,000 Amount to be Financed: Regional St. RES 15,000 Property Owners Other TOTAL 15,000	Need for Project The existing combined sewer is inadequate for storm drainage of the area and cannot be maintained properly. Sewers must be reconstructed in conjunction with the planned roadwork in 1980.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior To Budget 1982 15,000 1983 15,000 1984 15,000 1985 15,000 1986 15,000 1987 & After 15,000 TOTAL 15,000	Effect on Current Budget Debt Charges 100 Annual Costs 100 TOTAL 100



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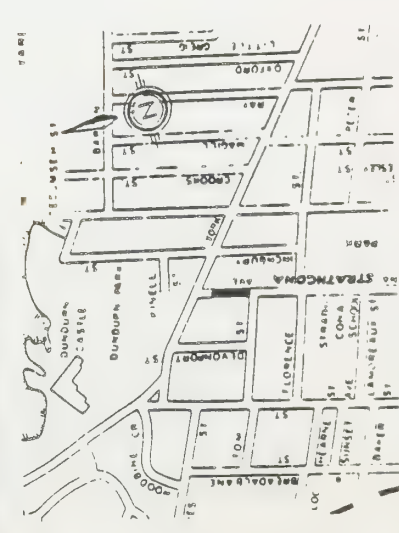
Department/Agency: Engineering Function: Transportation - Storm Sewers	Project Number: 30215 File Number:	Financial Report Page: 14 Appendix Page:																										
<u>Project Description</u> Greenhill Avenue - Storage - Treatment Basin Engineering and Land 90 Million Litre Partially Covered Storage Tank and Settling Basin <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>50,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td>170,000</td></tr><tr><td>TOTAL</td><td>220,000</td></tr></table> <table border="1"><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr></table> <table border="1"><tr><td>Net Cost</td><td>220,000</td></tr></table> <table border="1"><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. RES</td><td>220,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>220,000</td></tr></table>	Design	50,000	Land		Construction		Other	170,000	TOTAL	220,000	Subsidy Contributions		TOTAL	NIL	Net Cost	220,000	Amount to be Financed:		Regional St. RES	220,000	Property Owners		Other		TOTAL	220,000	<u>Need for Project</u> To reduce pollution in Red Hill Creek and Burlington Bay by controlling overflow from the combined sewer trunk. <u>Additional Information</u>
Design	50,000																											
Land																												
Construction																												
Other	170,000																											
TOTAL	220,000																											
Subsidy Contributions																												
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TOTAL	220,000																											
Debt Charges																												
Annual Costs	N/A																											
TOTAL																												



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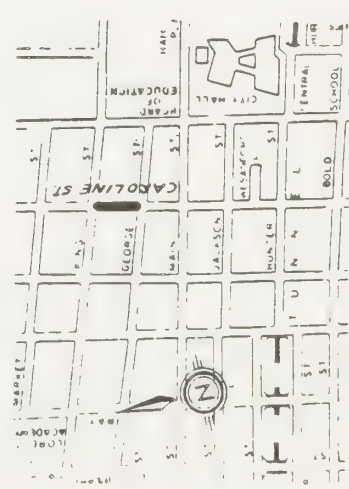
Department/Agency: Engineering Function: Storm Sewers	Project Number: 30232 File Number: 819-46	Financial Report Page: 14 Appendix Page:
Project Description Strathcona Avenue from 40 Metres South of York Street to Tom Street - Storm Sewers Local Storm Sewers Approximate Size - 450 mm Diameter Approximate Length - 84 Metres Municipality Hamilton	Capital Cost Estimate Design Land Construction Other 50,000 TOTAL 50,000 Subsidy M.T.C. Contributions 20,000 TOTAL 20,000 Net Cost 30,000 Amount to be Financed: Regional St. RES Property Owners Other 30,000 TOTAL 30,000	Need for Project Completion of storm sewer installation on Strathcona Avenue from the south end of existing stub at York Street to Tom Street, for utilizing the new storm sewer system on York Street and relieving overload in the existing combined sewer system. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior TO Budget 1982 30,000 1983 30,000 1984 20,000 1985 20,000 1986 20,000 1987 & After 20,000 TOTAL 50,000	Effect on Current Budget Debt Charges 100 Annual Costs 100 TOTAL



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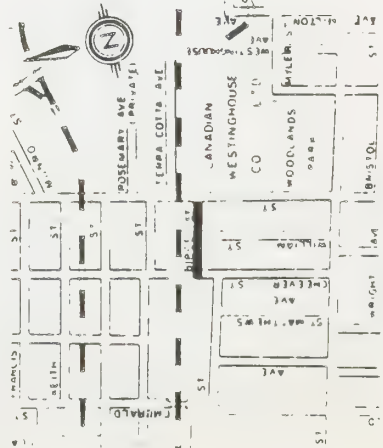
Department/Agency: Engineering Function: Storm Sewers	Project Number: 31223 File Number:	Financial Report Page: 14 Appendix Page:																																						
Project Description Caroline Street from King Street to George Street - Storm Sewers Local Storm Sewer Approximate Size - 525 mm Diameter Approximate Length - 92 Metres Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>75,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>75,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>35,000</td></tr><tr><td>TOTAL</td><td>35,000</td></tr><tr><td>Net Cost</td><td>40,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>40,000</td></tr><tr><td>TOTAL</td><td>40,000</td></tr></table>	Design		Land		Construction	75,000	Other		TOTAL	75,000	Subsidy M.T.C. Contributions	35,000	TOTAL	35,000	Net Cost	40,000	Amount to be Financed: Regional St. S.R. Property Owners Other	40,000	TOTAL	40,000	Need for Project The existing combined sewer is inadequate in size for storm drainage of the area. The completion of storm sewer installation from the existing stub at King Street to George Street is required in conjunction with road reconstruction. Additional Information																		
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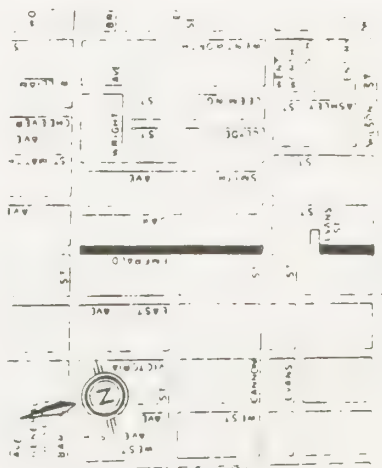
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Department/Agency: Engineering Function: Storm Sewers	Project Number: 31225 File Number: 802-38	Financial Report Page: 14 Appendix Page:																																		
Project Description Birge Street from Wentworth Street to Cheever Street - Storm Sewers Storm Sewers Approximate Size - 675 to 750 mm Diameter Approximate Length - 160 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>110,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>110,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>40,000</td></tr><tr><td>TOTAL</td><td>40,000</td></tr><tr><td>Net Cost</td><td>40,000</td></tr><tr><td>TOTAL</td><td>70,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>70,000</td></tr><tr><td>TOTAL</td><td>70,000</td></tr></table>	Design		Land		Construction	110,000	Other		TOTAL	110,000	Subsidy M.T.C. Contributions	40,000	TOTAL	40,000	Net Cost	40,000	TOTAL	70,000	Amount to be Financed: Regional St. S.R. Property Owners Other	70,000	TOTAL	70,000	Need for Project The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction in 1981 to reduce basement flooding. Additional Information												
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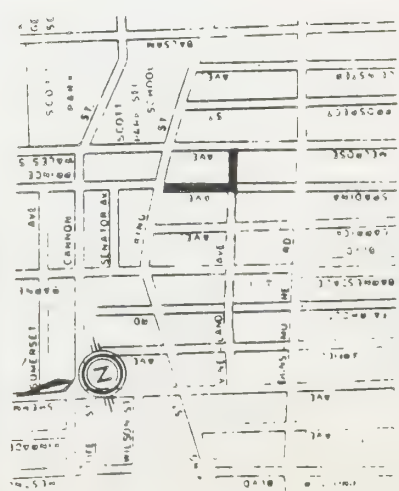
Department/Agency: Engineering	Project Number: 31226	Financial Report Page: 14																																								
Function: Storm Sewers	File Number:	Appendix Page:																																								
<u>Project Description</u> Emerald Street from Evans Street to Wilson Street and from Barton Street to Cannon Street - Storm Sewers, Hamilton. Storm Sewers Approximate Size - 300 to 525 mm Diameter Approximate Length - 475 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>250,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>250,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>120,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr><tr><td>Net Cost</td><td>130,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. S.R.</td><td>72,000</td></tr><tr><td>Property Owners RES</td><td>58,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>130,000</td></tr></table>	Design		Land		Construction	250,000	Other		TOTAL	250,000	Subsidy M.T.C. Contributions	120,000	TOTAL	120,000	Net Cost	130,000	Amount to be Financed:		Regional St. S.R.	72,000	Property Owners RES	58,000	Other		TOTAL	130,000	<u>Need for Project</u> The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction in 1981 to reduce basement flooding. <u>Additional Information</u>														
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Department/Agency: Engineering	Project Number: 31227	Financial Report Page: 15																																								
Function: Transportation - Storm Sewers	File Number: 819-51	Appendix Page:																																								
<u>Project Description</u> Spadina - Vineland Storm Relief Sewer, together with Private Drains and Road Repairs Approximate Size - 375 to 525 mm Diameter <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>80,000</td></tr><tr><td>TOTAL</td><td>80,000</td></tr><tr><td>Net Cost</td><td>120,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>120,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr></table>	Design		Land		Construction	200,000	Other		TOTAL	200,000	Subsidy M.T.C. Contributions	80,000	TOTAL	80,000	Net Cost	120,000	Amount to be Financed: Regional St. S.R. Property Owners Other	120,000	TOTAL	120,000	<u>Need for Project</u> To reduce basement flooding and facilitate road reconstruction. <u>Additional Information</u>																				
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Department/Agency: Engineering Function: Storm Sewers	Project Number: 31228 File Number:	Financial Report Page: 15 Appendix Page:																																
<u>Project Description</u> Locke Street from King Street to Napier Street - Storm Sewers, Hamilton Local Storm Sewers Approximate Size - 300 to 375 mm Diameter Approximate Length - 150 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td>90,000</td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>90,000</td> </tr> <tr> <td>Subsidy M.T.C. Contributions</td> <td>36,000</td> </tr> <tr> <td>TOTAL</td> <td>36,000</td> </tr> <tr> <td>Net Cost</td> <td>36,000</td> </tr> <tr> <td></td> <td>54,000</td> </tr> <tr> <td>Amount to be Financed: Regional St. S.R. Property Owners Other</td> <td>54,000</td> </tr> <tr> <td>TOTAL</td> <td>54,000</td> </tr> </table>	Design		Land	90,000	Construction		Other		TOTAL	90,000	Subsidy M.T.C. Contributions	36,000	TOTAL	36,000	Net Cost	36,000		54,000	Amount to be Financed: Regional St. S.R. Property Owners Other	54,000	TOTAL	54,000	<u>Need for Project</u> Completion of storm sewer installation on Locke Street from the north end of the existing stub at King Street to Napier Street, for utilizing the new storm sewer system on King Street and relieving overload in the existing combined sewer system.										
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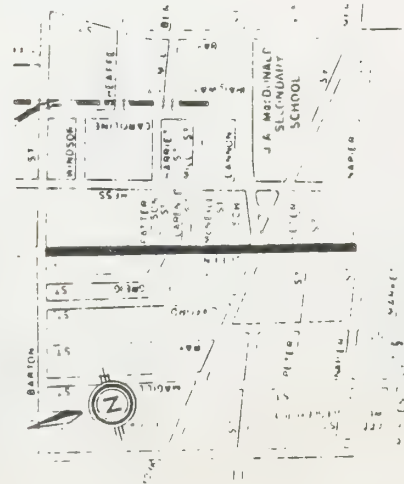
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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 31229</p> <p>File Number:</p>	<p>Financial Report Page: 15</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Queen Street from Barton to Napier - Sewer Reconstruction, Hamilton</p> <p>Replacement of existing 3'0" x 4'6" Sewer with 1200 mm Diameter Pipe, Approximate length - 650 mm</p>	<p><u>Capital Cost Estimate</u></p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Design</td> <td style="width:40%; text-align: right;">600,000</td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">600,000</td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Subsidy M.T.C. Contributions</td> <td style="text-align: right;">150,000</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">150,000</td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Net Cost</td> <td style="text-align: right;">450,000</td> </tr> <tr> <td colspan="2" style="border-top: 3px double black;"></td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional St. RES</td> <td style="text-align: right;">420,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other T.R.</td> <td style="text-align: right;">30,000</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">450,000</td> </tr> </table>	Design	600,000	Land		Construction		Other		TOTAL	600,000			Subsidy M.T.C. Contributions	150,000	TOTAL	150,000			Net Cost	450,000			Amount to be Financed:		Regional St. RES	420,000	Property Owners		Other T.R.	30,000	TOTAL	450,000	<p><u>Need for Project</u></p> <p>The existing combined sewer has failed structurally and it may collapse.</p>
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Map to Locate Project





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Department/Agency: Engineering Function: Storm Sewers	Project Number: 31230 File Number:	Financial Report Page: 15 Appendix Page:																																						
Project Description Locke Street from Peter Street to Florence Street - Storm Sewer, Hamilton Local Storm Sewer - 300 mm Diameter Approximate Length - 80 Metres Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>32,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>32,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>12,000</td></tr><tr><td>TOTAL</td><td>12,000</td></tr><tr><td>Net Cost</td><td>20,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>20,000</td></tr><tr><td>TOTAL</td><td>20,000</td></tr></table>	Design		Land		Construction	32,000	Other		TOTAL	32,000	Subsidy M.T.C. Contributions	12,000	TOTAL	12,000	Net Cost	20,000	Amount to be Financed: Regional St. S.R. Property Owners Other	20,000	TOTAL	20,000	Need for Project The new storm sewer must be installed as replacement for the existing substandard drains in conjunction with the planned road reconstruction in 1981. Additional Information																		
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 32235 File Number:	Financial Report Page: 15 Appendix Page:																																
Project Description Charlton Avenue West from Dundurn Street to 132 m Westerly - Storm Sewers, Hamilton Local Storm Sewers Approximate Size - 450 mm Diameter Approximate Length - 132 m, including Road Repairs <u>Municipality</u> Hamilton	Capital Cost Estimate Design Land Construction 110,000 Other TOTAL 110,000 Subsidy M.T.C. Contributions 50,000 TOTAL 50,000 Net Cost 60,000 Amount to be Financed: Regional St. RES 60,000 Property Owners Other TOTAL 60,000	Need for Project The existing combined sewer is inadequate for storm drainage of the area; therefore, storm relief sewer must be installed in order to reduce basement flooding. Additional Information																																
Map to Locate Project	Cash Flow O.M.B. Required 1982 Expenditures: <table><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>60,000</td><td>50,000</td><td>100,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>60,000</td><td>50,000</td><td>100,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	60,000	50,000	100,000	1983				1984				1985				1986				1987 & After				TOTAL	60,000	50,000	100,000	Effect on Current Budget Debt Charges 200 Annual Costs 200 TOTAL
Prior To Budget	Region	Other Contrib	Total																															
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

69

Department/Agency: Engineering Function: Storm Sewers	Project Number: 32236 File Number:	Financial Report Page: 15 Appendix Page:																																						
Project Description Hess Street from Barton Street to Stuart Street - Storm Sewer, Hamilton Local Storm Sewers Approximate Size - 375 to 600 mm Diameter Approximate Length - 215 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>150,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>150,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>65,000</td></tr><tr><td>TOTAL</td><td>65,000</td></tr><tr><td>Net Cost</td><td>85,000</td></tr><tr><td>Amount to be Financed: Regional St. S. R. Property Owners Other</td><td>85,000</td></tr><tr><td>TOTAL</td><td>85,000</td></tr></table>	Design		Land	150,000	Construction		Other		TOTAL	150,000	Subsidy M.T.C. Contributions	65,000	TOTAL	65,000	Net Cost	85,000	Amount to be Financed: Regional St. S. R. Property Owners Other	85,000	TOTAL	85,000	Need for Project The existing combined sewer has failed structurally and it must be replaced in conjunction with road reconstruction in 1982. Additional Information																		
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering
Function: Storm Sewers

Project Description

Garfield - Vineland
Storm Sewers, Hamilton
Local Storm Sewers
300 mm to 450 mm Diameter
Approximate Length - 335 m

Municipality

Hamilton

Project Number: 31220
File Number: 807-11

Financial Report Page: 16
Appendix Page:

Capital Cost Estimate

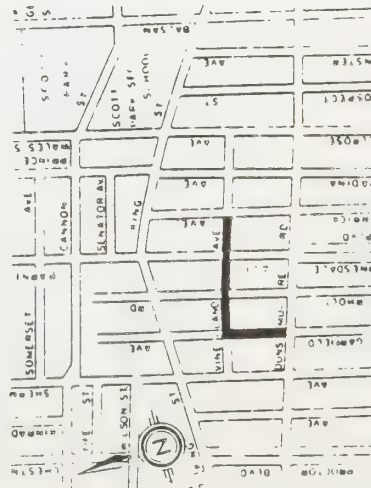
Design	
Land	
Construction	285,000
Other	
TOTAL	285,000
Subsidy M.T.C. Contributions	114,000
TOTAL	114,000
Net Cost	171,000
Amount to be Financed: Regional St. S.R. Property Owners Other	171,000
TOTAL	171,000

Need for Project

To reduce basement flooding.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1981

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982	100,000		100,000
1983	71,000	114,000	185,000
1984			
1985			
1986			
1987 & After			
TOTAL	171,000	114,000	285,000

Effect on Current Budget

Debt Charges	15,200
Annual Costs	600
TOTAL	15,800



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering

Function: Transportation - Storm Sewers

Project Description

Garfield Avenue North, Fairholt Road North, Hamilton

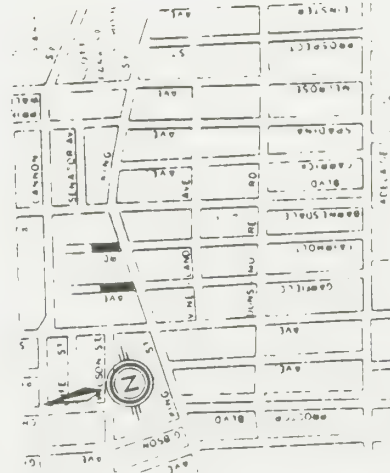
Local Storm Sewers, 375 to 530 mm Diameter, Private Drains and Road Repairs

Approximate Length - 120 m

Municipality

Hamilton

Map to Locate Project



Project Number: 31222

File Number: 807-26

Financial Report Page: 16

Appendix Page:

Capital Cost Estimate

Design	
Land	75,000
Construction	
Other	
TOTAL	75,000
Subsidy M.T.C. Contributions	30,000
TOTAL	30,000
Net Cost	45,000
Amount to be Financed:	
Regional St. S.R.	45,000
Property Owners	
Other	
TOTAL	45,000

Need for Project

To reduce basement flooding.

Additional Information

Cash Flow

O.M.B. Required Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982	45,000	30,000	75,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	45,000	30,000	75,000

Effect on Current Budget

Debt Charges	200
Annual Costs	200
TOTAL	



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 32230</p> <p>File Number: 816-38</p>	<p>Financial Report Page: 16</p> <p>Appendix Page:</p>																																						
<p><u>Project Description</u></p> <p>Province Street from King Street to 150 Metres Southerly - Storm Sewers, Hamilton</p> <p>Local Storm Sewers</p> <p>Approximate Size - 450 mm Diameter</p> <p>Approximate Length - 150 Metres</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design</td> <td>95,000</td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>95,000</td> </tr> <tr> <td>Subsidy M.T.C Contributions</td> <td>42,000</td> </tr> <tr> <td>TOTAL</td> <td>42,000</td> </tr> <tr> <td>Net Cost</td> <td>53,000</td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional RES</td> <td>53,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>53,000</td> </tr> </table>	Design	95,000	Land		Construction		Other		TOTAL	95,000	Subsidy M.T.C Contributions	42,000	TOTAL	42,000	Net Cost	53,000	Amount to be Financed:		Regional RES	53,000	Property Owners		Other		TOTAL	53,000	<p><u>Need for Project</u></p> <p>The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction in 1982 to reduce basement flooding.</p>												
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 32231 File Number:	Financial Report Page: 16 Appendix Page: A5																																
<u>Project Description</u> Hunter Street from Emerald Street to Victoria Avenue - Storm Sewers Local Storm Sewers Approximate Size - 450 to 525 mm Diameter Approximate Length - 200 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>120,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>120,000</td> </tr> <tr> <td>Subsidy M.T.C. Contributions</td> <td>50,000</td> </tr> <tr> <td>TOTAL</td> <td>50,000</td> </tr> <tr> <td>Net Cost</td> <td>70,000</td> </tr> <tr> <td>Amount to be Financed: Regional St. S.R. Property Owners Other</td> <td>70,000</td> </tr> <tr> <td>TOTAL</td> <td>70,000</td> </tr> </table>	Design		Land		Construction	120,000	Other		TOTAL	120,000	Subsidy M.T.C. Contributions	50,000	TOTAL	50,000	Net Cost	70,000	Amount to be Financed: Regional St. S.R. Property Owners Other	70,000	TOTAL	70,000	<u>Need for Project</u> Completion of storm sewer installation on Hunter Street from Emerald Street to the existing stub at Victoria Avenue, for utilizing the new storm sewer system on Victoria Avenue and relieving the overload in the existing combined sewer system. The work must be done in conjunction with the planned road reconstruction in 1982. <u>Additional Information</u>												
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 32232 File Number:	Financial Report Page: 16 Appendix Page:																																											
Project Description Emerald Street from Wilson Street to King Street - Storm Sewers Local Storm Sewers Approximate Size - 375 to 450 mm Diameter Approximate Length - 235 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>125,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>125,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>55,000</td></tr><tr><td>TOTAL</td><td>55,000</td></tr><tr><td>Net Cost</td><td>70,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>70,000</td></tr><tr><td>TOTAL</td><td>70,000</td></tr></table>	Design	125,000	Land		Construction		Other		TOTAL	125,000	Subsidy M.T.C. Contributions	55,000	TOTAL	55,000	Net Cost	70,000	Amount to be Financed: Regional St. S.R. Property Owners Other	70,000	TOTAL	70,000	Need for Project Completion of storm sewer installation on Emerald Street is required in order to utilize the new storm sewer system north of Wilson Street, thus relieving overload in the existing combined sewers. The work must be done in conjunction with the planned road reconstruction in 1982. Additional Information																							
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FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 32233</p> <p>File Number:</p>	<p>Financial Report Page: 16</p> <p>Appendix Page: A5</p>																																						
<p><u>Project Description</u></p> <p>Roxborough Avenue from Graham Avenue to Park Row - Storm Sewers, Hamilton</p> <p>Local Storm Sewers</p> <p>Approximate Size - 450 to 600 mm Diameter</p> <p>Approximate Length - 170 m, and Road Repairs</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>110,000</td> </tr> <tr> <td>TOTAL</td> <td>110,000</td> </tr> <tr> <td>Subsidy M.T.C. Contributions</td> <td>50,000</td> </tr> <tr> <td>TOTAL</td> <td>50,000</td> </tr> <tr> <td>Net Cost</td> <td>60,000</td> </tr> <tr> <td>Amount to be Financed: Regional St. S.R. Property Owners Other</td> <td>60,000</td> </tr> <tr> <td>TOTAL</td> <td>60,000</td> </tr> </table>	Design Land Construction Other	110,000	TOTAL	110,000	Subsidy M.T.C. Contributions	50,000	TOTAL	50,000	Net Cost	60,000	Amount to be Financed: Regional St. S.R. Property Owners Other	60,000	TOTAL	60,000	<p><u>Need for Project</u></p> <p>The existing combined sewer is inadequate for storm drainage of the area. Storm sewers must be installed to reduce basement flooding.</p>																								
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Amount to be Financed: Regional St. S.R. Property Owners Other	60,000																																							
TOTAL	60,000																																							
<p><u>Map to Locate Project</u></p>		<p><u>Additional Information</u></p>																																						
<p><u>Cash Flow</u></p> <p>O.M.B. Required 1982 Expenditures:</p> <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td>60,000</td> <td>50,000</td> <td>125,000</td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>60,000</td> <td>50,000</td> <td>125,000</td> </tr> </tbody> </table>		Prior To Budget	Region	Other Contrib	Total	1982	60,000	50,000	125,000	1983				1984				1985				1986				1987 & After				TOTAL	60,000	50,000	125,000	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>12,900</td> </tr> <tr> <td>Annual Costs</td> <td>200</td> </tr> <tr> <td>TOTAL</td> <td>13,100</td> </tr> </table>	Debt Charges	12,900	Annual Costs	200	TOTAL	13,100
Prior To Budget	Region	Other Contrib	Total																																					
1982	60,000	50,000	125,000																																					
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

76

Department/Agency: Engineering Function: Storm Sewers	Project Number: 36224 File Number:	Financial Report Page: 17 Appendix Page: A5																																
<u>Project Description</u> D'Arcy Court from East 25th Street to 85 m Easterly - Storm Sewers Local Storm Sewers Approximate Size - 375 mm Diameter Approximate Length - 85 m, including Road Repairs <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction Other <div style="text-align: right;">65,000</div> TOTAL <div style="text-align: right;">65,000</div> Subsidy M.T.C. Contributions <div style="text-align: right;">29,000</div> TOTAL <div style="text-align: right;">29,000</div> Net Cost <div style="text-align: right;">36,000</div> Amount to be Financed: Regional St. S.R. Property Owners Other <div style="text-align: right;">36,000</div> TOTAL <div style="text-align: right;">36,000</div>	<u>Need for Project</u> The existing combined sewer is inadequate for storm drainage of the area. Storm sewers must be installed to reduce basement flooding. <u>Additional Information</u>																																
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1986 Expenditures: <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>36,000</td><td>29,000</td><td>65,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>36,000</td><td>29,000</td><td>65,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	36,000	29,000	65,000	1983				1984				1985				1986				1987 & After				TOTAL	36,000	29,000	65,000	<u>Effect on Current Budget</u> Debt Charges <div style="text-align: right;">7,700</div> Annual Costs <div style="text-align: right;">100</div> TOTAL <div style="text-align: right;">7,800</div>
Prior To Budget	Region	Other Contrib	Total																															
1982	36,000	29,000	65,000																															
1983																																		
1984																																		
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TOTAL	36,000	29,000	65,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

76

Department/Agency: Engineering

Function: Transportation - Storm Sewers

Project Description

Sherman/Cannon Area, Hamilton

Storm Relief Sewer, together with Private Drains and Road Repairs

Approximate Size - 300 to 610 mm Diameter
Approximate Length - 825 m

Municipality

Hamilton

Project Number: 32234

File Number:

Financial Report Page: 17

Appendix Page: A5

Capital Cost Estimate

Design
Land
Construction
Other

575,000

TOTAL

575,000

Subsidy M.T.C.
Contributions

245,000

TOTAL

245,000

Net Cost

330,000

Amount to be Financed:
Regional St. S.R. RES
Property Owners
Other T.R.

250,000

50,000

30,000

TOTAL

330,000

Need for Project

To reduce basement flooding.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1982

Expenditures:

Prior
To Budget

Region

Other
Contrib

Total

1982 40,000 40,000

1983 290,000 245,000 535,000

1984

1985

1986

1987 & After

TOTAL 330,000 245,000 575,000

Effect on Current Budget

Debt Charges

53,700

Annual Costs

1,400

TOTAL

55,100



FIVE YEAR CAPITAL BUDGET

1982 - 1986

78

Department/Agency: Engineering

Function: Transportation - Storm Sewers

Project Number: 32225

File Number:

Financial Report Page: 17

Appendix Page: A5

Project Description

Delview Avenue between Dunsmure Road and Roxborough Avenue - Storm Relief Sewers, Hamilton

Local Storm Relief Sewers, Drains and Road Repairs

Approximate Size - 380 to 460 mm Diameter
Approximate Length - 213 Metres

Municipality

Hamilton

Capital Cost Estimate

Design
Land
Construction
Other

200,000

TOTAL

200,000

Subsidy M.T.C.
Contributions

90,000

TOTAL

90,000

Net Cost

110,000

Amount to be Financed:
Regional St. S.R. RES
Property Owners
Other

60,000

50,000

TOTAL

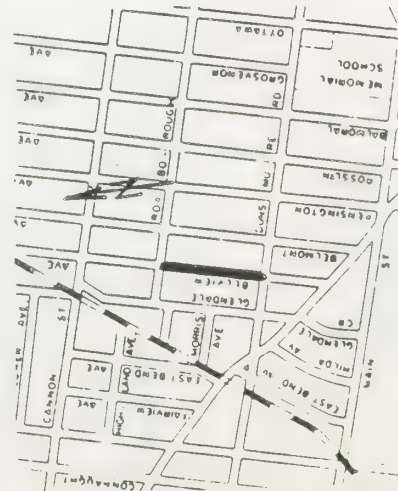
110,000

Need for Project

To reduce basement flooding.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1982

Expenditures:

Prior To Budget	Region	Other Contrib	Total
-----------------	--------	---------------	-------

1982

40,000

40,000

1983

70,000

160,000

1984

90,000

90,000

1985

1986

1987 & After

TOTAL

110,000

90,000

200,000

Effect on Current Budget

Debt Charges

12,400

Annual Costs

200

TOTAL

12,600



FIVE YEAR CAPITAL BUDGET

1982 - 1986

79

Department/Agency: Engineering

Function: Transportation - Storm Sewers

Project Description

Whitney Avenue/Leland Street Area - Storm Relief Sewers, Hamilton

Local Storm Relief Sewers, together with Drains and Road Repairs

Approximate Size - 375 to 900 mm Diameter

Municipality

Hamilton

Project Number: 32227

File Number:

Capital Cost Estimate

Design
Land
Construction
Other

375,000

375,000

180,000

180,000

195,000

145,000

50,000

195,000

Subsidy M.T.C. Contributions

Net Cost

Amount to be Financed:

Regional St. S.R. RES

Property Owners

Other

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

Map to Locate Project



Cash Flow

O.M.B. Required

Expenditures:

1982

1983

1984

1985

1986

1987 & After

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

Need for Project

To reduce basement flooding.

Additional Information

Effect on Current Budget

Debt Charges

Annual Costs

TOTAL

31,100

900

32,000



Department/Agency: Engineering
Function: Transportation - Storm Sewers

Project Number: 32219
File Number: 821-07

Financial Report Page: 17
Appendix Page: A5

Project Description
Upper James Street, Inverness Avenue to Duff Street
Local Storm Sewer, Private Drains and Road Repairs
Approximate Size - 1070 mm Diameter
Approximate Length - 138 m
Municipality
Hamilton

Capital Cost Estimate

Design Land Construction Other	200,000
TOTAL	200,000
Subsidy M.T.C. Contributions	80,000
TOTAL	80,000
Net Cost	120,000
Amount to be Financed: Regional St. S.R. Property Owners Other T.R.	100,000 20,000
TOTAL	120,000

Map to Locate Project

Need for Project
To reduce basement flooding on Duff Street and Duff Court.

Additional Information

Effect on Current Budget

Debt Charges	21,500
Annual Costs	300
TOTAL	21,800



1982 - 1986

Department/Agency: Engineering
Function: Transportation - Storm Sewers

Project Description

Wexford from Main Street to Monterey and on Monterey from Wexford

Local Relief Sewer, together with Drains and Road Repairs

Approximate Size - 610 to 910 mm Diameter
Approximate Length - 610 Metres

Municipality

Hamilton

Project Number: 32218
File Number: 823-17

Capital Cost Estimate

Design Land Construction Other

600,000

TOTAL

600,000

Subsidy M.T.C Contributions

225,000

TOTAL

225,000

Net Cost

375,000

Amount to be Financed:
Regional St. S.R.
Property Owners
Other

375,000

TOTAL

375,000

Financial Report Page: 17
Appendix Page: A15

Need for Project

To reduce basement flooding in Wexford Street area.

Additional Information

Map to Locate Project

Cash Flow

O.M.B. Required Expenditures:

Prior To Budget

1982
1983
1984
1985
1986
1987 & After

Region

200,000
175,000

Other Contrib

225,000

Total

200,000
400,000

TOTAL

375,000

225,000

600,000

Effect on Current Budget

Debt Charges

80,500

Annual Costs

1,200

TOTAL

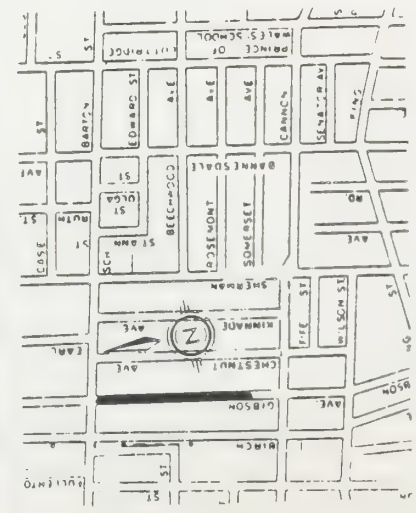
81,700



FIVE YEAR CAPITAL BUDGET

1982 - 1986

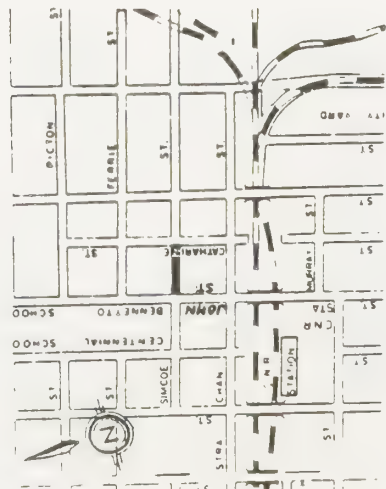
82

Department/Agency: Engineering Function: Transportation - Storm Sewers	Project Number: 32228 File Number:	Financial Report Page: 18 Appendix Page: A5
Project Description Gibson Avenue from Cannon Street to Barton Street - Reconstruction of Sewers Hamilton Storm Relief Sewer, together with Road Repairs Approximate Size - 380 to 530 mm Diameter Approximate Length - 250 m Municipality Hamilton	Capital Cost Estimate Design Land Construction Other 240,000 TOTAL 240,000 Subsidy M.T.C. Contributions 100,000 TOTAL 100,000 Net Cost 140,000 Amount to be Financed: Regional RES 140,000 Property Owners Other TOTAL 140,000	Need for Project To reduce basement flooding. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1982 Expenditures: Prior To Budget 1982 40,000 1983 100,000 1984 100,000 1985 100,000 1986 100,000 1987 & After 100,000 TOTAL 140,000 Other Contrib Total 40,000 200,000 100,000 200,000	Effect on Current Budget Debt Charges 600 Annual Costs 600 TOTAL 600

FIVE YEAR CAPITAL BUDGET

1982 - 1986

83

<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 33244</p> <p>File Number:</p>	<p>Financial Report Page: 18</p> <p>Appendix Page: A5</p>																																						
<p><u>Project Description</u></p> <p>Simcoe Street from John Street to Catharine Street - Storm Sewers, Hamilton</p> <p>Local Storm Sewers</p> <p>Approximate Size - 525 mm Diameter</p> <p>Approximate Length - 115 Metres</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design</td> <td>80,000</td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>80,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy M.T.C. Contributions</td> <td>35,000</td> </tr> <tr> <td>TOTAL</td> <td>35,000</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>45,000</td> </tr> <tr> <td>TOTAL</td> <td>45,000</td> </tr> </table>	Design	80,000	Land		Construction		Other		TOTAL	80,000	Subsidy M.T.C. Contributions	35,000	TOTAL	35,000	Net Cost	45,000	TOTAL	45,000	<p><u>Need for Project</u></p> <p>To reduce basement flooding.</p>																				
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Net Cost	45,000																																							
TOTAL	45,000																																							
<p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Amount to be Financed:</u></p> <p>Regional St. S.R. Property Owners</p> <p>Other</p> <p>TOTAL 45,000</p>	<p><u>Additional Information</u></p>																																						
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1983 Expenditures:</p> <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td>45,000</td> <td>35,000</td> <td>80,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>45,000</td> <td>35,000</td> <td>80,000</td> </tr> </tbody> </table>	Prior To Budget	Region	Other Contrib	Total	1982				1983	45,000	35,000	80,000	1984				1985				1986				1987 & After				TOTAL	45,000	35,000	80,000	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>9,700</td> </tr> <tr> <td>Annual Costs</td> <td>200</td> </tr> <tr> <td>TOTAL</td> <td>9,900</td> </tr> </table>	Debt Charges	9,700	Annual Costs	200	TOTAL	9,900
Prior To Budget	Region	Other Contrib	Total																																					
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

84

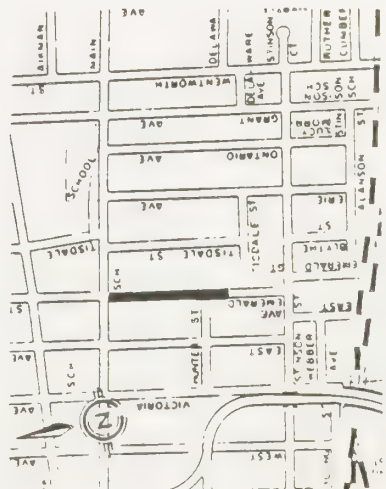
Department/Agency: Engineering Function: Storm Sewers	Project Number: 33246 File Number:	Financial Report Page: 18 Appendix Page: A5
<u>Project Description</u> Glencarry Avenue from Central Avenue to 82 Metres Northerly - Storm Sewers, Hamilton Local Storm Sewers Approximate Size - 375 mm Diameter Approximate Length - 83 Metres <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 50,000 Other TOTAL 50,000 Subsidy M.T.C. Contributions 20,000 TOTAL 20,000 Net Cost 30,000 Amount to be Financed: Regional St. S.R. Property Owners 30,000 Other TOTAL 30,000	<u>Need for Project</u> To reduce basement flooding. <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1983 Expenditures: Prior TO Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges 6,400 Annual Costs 200 TOTAL 6,600



FIVE YEAR CAPITAL BUDGET

1982 - 1986

85

Department/Agency: Engineering Function: Storm Sewers	Project Number: 33247 File Number:	Financial Report Page: 18 Appendix Page: A5									
Project Description Emerald Street from Main Street to 250 Metres Southerly - Storm Sewers, Hamilton Local Storm Sewers Approximate Size - 450 to 525 mm Diameter Approximate Length - 250 Metres	Capital Cost Estimate Design Land Construction Other Subsidy M.T.C. Contributions Net Cost Amount to be Financed: Regional St. S.R. Property Owners Other TOTAL	Need for Project To reduce basement flooding.									
Municipality Hamilton	Cash Flow O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Additional Information									
Map to Locate Project 	<table border="1"><thead><tr><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>90,000</td><td>80,000</td><td>170,000</td></tr><tr><td colspan="3">TOTAL 90,000 80,000 170,000</td></tr></tbody></table>	Region	Other Contrib	Total	90,000	80,000	170,000	TOTAL 90,000 80,000 170,000			Effect on Current Budget Debt Charges 19,300 Annual Costs 300 TOTAL 19,600
Region	Other Contrib	Total									
90,000	80,000	170,000									
TOTAL 90,000 80,000 170,000											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

86

Department/Agency: Engineering

Function: Storm Sewers

Project Number: 33248

File Number: 814-11

Financial Report Page: 18

Appendix Page: A6

Project Description

Niagara and Munro Streets - Storm Sewers,
Hamilton

Local Storm Relief Sewers
Approximate Size - 375 to 525 mm Diameter
Approximate Length - 250 Metres

Capital Cost Estimate

Design
Land
Construction
Other

185,000

185,000

80,000

80,000

105,000

105,000

105,000

105,000

105,000

105,000

105,000

105,000

105,000

105,000

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105,000

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105,000

105,000

Municipality

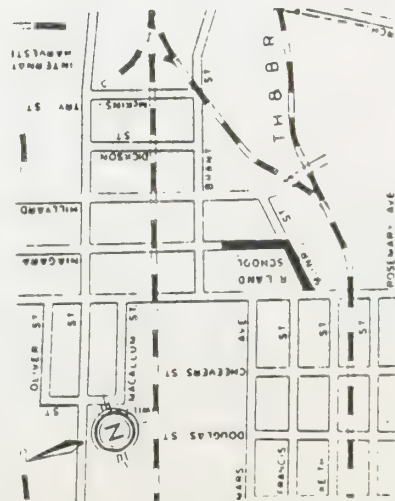
Hamilton

Need for Project

To reduce basement flooding.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1983

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982	105,000	80,000	185,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	105,000	80,000	185,000

Effect on Current Budget

Debt Charges 22,500

Annual Costs 400

TOTAL 22,900



FIVE YEAR CAPITAL BUDGET

1982 - 1986

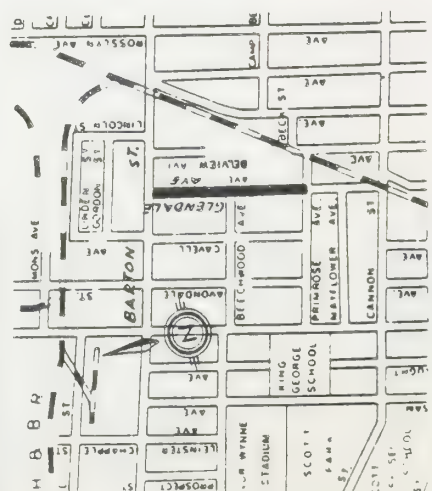
<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 33249</p> <p>File Number:</p>	<p>Financial Report Page: 18</p> <p>Appendix Page: A6</p>																																						
<p><u>Project Description</u></p> <p>Fullerton Avenue from Princess Street to 110 m Southerly - Storm Sewers, Hamilton</p> <p>Local Storm Sewers</p> <p>Approximate Size - 450 mm Diameter</p> <p>Approximate Length - 110 m</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>75,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>75,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>30,000</td></tr><tr><td>TOTAL</td><td>30,000</td></tr></table> <table><tr><td>Net Cost</td><td>45,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. S.R. Property Owners</td><td>45,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>45,000</td></tr></table>	Design		Land		Construction	75,000	Other		TOTAL	75,000	Subsidy M.T.C. Contributions	30,000	TOTAL	30,000	Net Cost	45,000	Amount to be Financed:		Regional St. S.R. Property Owners	45,000	Other		TOTAL	45,000	<p><u>Need for Project</u></p> <p>The existing combined sewer is inadequate for storm drainage of the area.</p> <p>Storm relief sewer must be installed in conjunction with the planned road reconstruction in 1983 to reduce basement flooding.</p> <p><u>Additional Information</u></p>														
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1983</p> <p>Expenditures:</p> <table><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td>45,000</td><td>30,000</td><td>75,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>45,000</td><td>30,000</td><td>75,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983	45,000	30,000	75,000	1984				1985				1986				1987 & After				TOTAL	45,000	30,000	75,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>9,700</td></tr><tr><td>Annual Costs</td><td>200</td></tr><tr><td>TOTAL</td><td>9,900</td></tr></table>	Debt Charges	9,700	Annual Costs	200	TOTAL	9,900
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Annual Costs	200																																							
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FIVE YEAR CAPITAL BUDGET

1982 - 1986


88

Department/Agency: Engineering Function: Storm Sewers	Project Number: 34216 File Number:	Financial Report Page: 19 Appendix Page: A6																														
Project Description Glendale Avenue from Barton Street to Primrose Avenue - Storm Sewers Local Storm Sewers Approximate Size - 450 to 525 mm Diameter Approximate Length - 300 Metres	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>275,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>275,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>130,000</td></tr><tr><td>TOTAL</td><td>130,000</td></tr><tr><td>Net Cost</td><td>145,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>145,000</td></tr><tr><td>TOTAL</td><td>145,000</td></tr></table>	Design		Land		Construction	275,000	Other		TOTAL	275,000	Subsidy M.T.C. Contributions	130,000	TOTAL	130,000	Net Cost	145,000	Amount to be Financed: Regional St. S.R. Property Owners Other	145,000	TOTAL	145,000	Need for Project The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.										
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Municipality Hamilton		Additional Information																														
Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required</th><th>1984</th></tr><tr><td>Expenditures:</td><td></td></tr><tr><td>Prior To Budget</td><td></td></tr><tr><td>1982</td><td></td></tr><tr><td>1983</td><td></td></tr><tr><td>1984</td><td>20,000</td></tr><tr><td>1985</td><td>125,000</td></tr><tr><td>1986</td><td>130,000</td></tr><tr><td>1987 & After</td><td></td></tr><tr><td>TOTAL</td><td>145,000</td></tr><tr><td>Other Contrib</td><td></td></tr><tr><td>TOTAL</td><td>275,000</td></tr></table>	O.M.B. Required	1984	Expenditures:		Prior To Budget		1982		1983		1984	20,000	1985	125,000	1986	130,000	1987 & After		TOTAL	145,000	Other Contrib		TOTAL	275,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>31,100</td></tr><tr><td>Annual Costs</td><td>600</td></tr><tr><td>TOTAL</td><td>31,700</td></tr></table>	Debt Charges	31,100	Annual Costs	600	TOTAL	31,700
O.M.B. Required	1984																															
Expenditures:																																
Prior To Budget																																
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 34217 File Number:	Financial Report Page: 19 Appendix Page: A6																																
<u>Project Description</u> Whitfield Avenue from Birmingham Street to Gage Avenue - Storm Sewers Local Storm Sewers Approximate Size - 450 to 600 mm Diameter Approximate Length - 200 Metres	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>200,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy M.T.C. Contributions</td> <td>90,000</td> </tr> <tr> <td>TOTAL</td> <td>90,000</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>110,000</td> </tr> <tr> <td>TOTAL</td> <td>110,000</td> </tr> </table> Amount to be Financed: Regional St. S.R. Property Owners Other	Design		Land		Construction	200,000	Other		TOTAL	200,000	Subsidy M.T.C. Contributions	90,000	TOTAL	90,000	Net Cost	110,000	TOTAL	110,000	<u>Need for Project</u> The existing combined sewer is inadequate in size for storm drainage of the area. Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.														
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Land																																		
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<u>Municipality</u> Hamilton	<u>Additional Information</u>																																	
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Prior To Budget	Region	Other Contrib	Total																															
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<u>Effect on Current Budget</u> <table border="1"> <tr> <td>Debt Charges</td> <td>23,600</td> </tr> <tr> <td>Annual Costs</td> <td>400</td> </tr> <tr> <td>TOTAL</td> <td>24,000</td> </tr> </table>			Debt Charges	23,600	Annual Costs	400	TOTAL	24,000																										
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TOTAL	24,000																																	



FIVE YEAR CAPITAL BUDGET

1982 - 1986

91

Department/Agency: Engineering

Function: Storm Sewers

Project Description

Beach Road from Gage Avenue to Northcote Street - Storm Sewers and Sewer Repairs

Local Storm Sewers
Approximate Size - 750 to 1050 mm Diameter
Approximate Length - 350 Metres

Municipality

Hamilton

Project Number: 35215

File Number:

Capital Cost Estimate

Design
Land
Construction
Other

450,000

TOTAL

450,000

Subsidy M.T.C.
Contributions

150,000

TOTAL

150,000

Net Cost

300,000

Amount to be Financed:

Regional St. S.R.
Property Owners
Other

300,000

TOTAL

300,000

Financial Report Page: 19

Appendix Page: A6

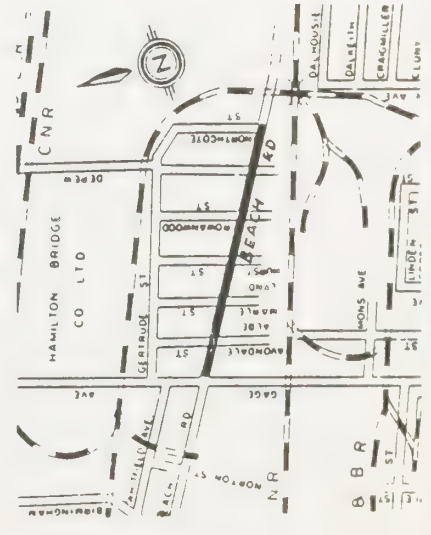
Need for Project

The existing combined sewer is inadequate in size for storm drainage of the area.

Storm sewers must be installed in conjunction with the planned road reconstruction to reduce basement flooding.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1985

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982			
1983			
1984			
1985	60,000		60,000
1986	240,000	150,000	390,000
1987 & After			
TOTAL	300,000	150,000	450,000

Effect on Current Budget

Debt Charges	64,400
Annual Costs	800
TOTAL	65,200



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering

Function: Transportation - Storm Sewers

Project Number: 35216

File Number: 823-18

Financial Report Page: 19

Appendix Page: A6

Project Description

Warren Avenue from McElroy Avenue to Mohawk Road and on Mohawk Road to approximately 128 m Easterly

Local Storm Relief Sewer, Private Drains and Road Repairs

Approximate Size - 610 to 1070 m Diameter
Municipality

Hamilton

Capital Cost Estimate

Design
Land
Construction
Other

600,000

TOTAL

600,000

Subsidy M.T.C.
Contributions

260,000

TOTAL

260,000

Net Cost

340,000

Amount to be Financed:
Regional St. S.R.
Property Owners
Other T.R.

310,000

30,000

TOTAL

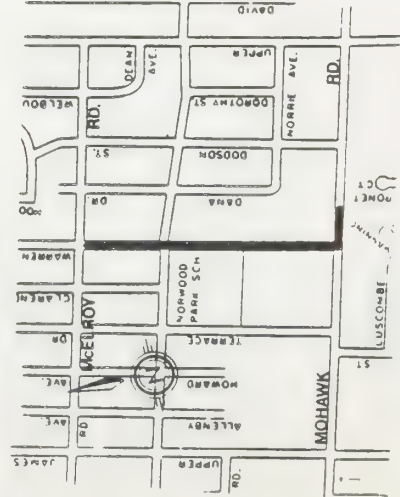
340,000

Need for Project

To reduce basement flooding in houses on the south side of Mohawk Road and Warren Avenue.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1985
Expenditures:

	Region	Other Contrib	Total
Prior To Budget			
1982			
1983			
1984			
1985	80,000		80,000
1986	260,000	260,000	520,000
1987 & After			
TOTAL	340,000	260,000	600,000

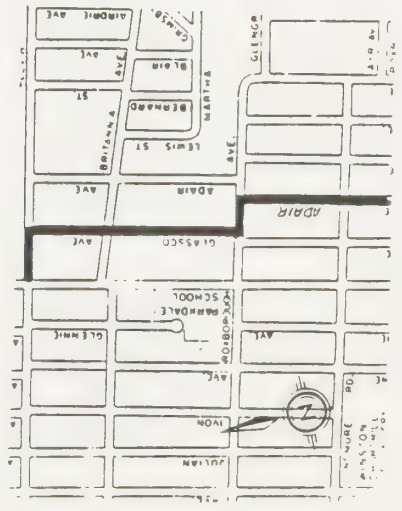
Effect on Current Budget

Debt Charges	66,500
Annual Costs	1,000
TOTAL	67,500



FIVE YEAR CAPITAL BUDGET

1982 - 1986

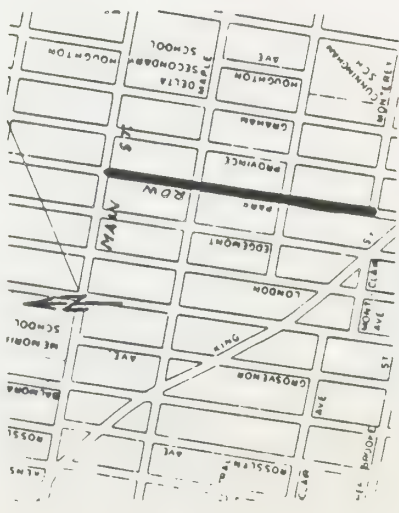
<p>Department/Agency: Engineering</p> <p>Function: Transportation - Storm Sewers</p>	<p>Project Number: 35217</p> <p>File Number: 801-08</p>	<p>Financial Report Page: 19</p> <p>Appendix Page: A6</p>																																						
<p><u>Project Description</u></p> <p>Adair, Roxborough, Glasco and Melvin, Parkdale to Barton Street</p> <p>Storm Relief Sewer, Private Drains and Road Repairs</p> <p>Approximate Size - 610 to 1070 m Diameter</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>800,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>800,000</td></tr></table> <p>Subsidy M.T.C. Contributions</p> <table><tr><td>TOTAL</td><td>320,000</td></tr></table> <p>Net Cost</p> <table><tr><td>TOTAL</td><td>320,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional St. S.R. Property Owners</td><td>480,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>480,000</td></tr></table>	Design		Land		Construction	800,000	Other		TOTAL	800,000	TOTAL	320,000	TOTAL	320,000	Regional St. S.R. Property Owners	480,000	Other		TOTAL	480,000	<p><u>Need for Project</u></p> <p>To reduce basement flooding.</p> <p><u>Additional Information</u></p>																		
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<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1985</p> <p>Expenditures:</p> <table><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td>80,000</td><td></td><td>80,000</td></tr><tr><td>1986</td><td>400,000</td><td></td><td>400,000</td></tr><tr><td>1987 & After</td><td></td><td>320,000</td><td>720,000</td></tr><tr><td>TOTAL</td><td>480,000</td><td>320,000</td><td>800,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985	80,000		80,000	1986	400,000		400,000	1987 & After		320,000	720,000	TOTAL	480,000	320,000	800,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>103,000</td></tr><tr><td>Annual Costs</td><td>1,500</td></tr><tr><td>TOTAL</td><td>104,500</td></tr></table>	Debt Charges	103,000	Annual Costs	1,500	TOTAL	104,500
Prior To Budget	Region	Other Contrib	Total																																					
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Transportation - Storm Sewers	Project Number: 35226 File Number:	Financial Report Page: 20 Appendix Page: A6
Project Description Park Row South from Main Street to Monterey Avenue - Storm Relief Sewers Local Storm Relief Sewer, together with Drains and Road Repairs Approximate Size - 760 to 910 mm Diameter Approximate Length - 550 Metres <u>Municipality</u> Hamilton	Capital Cost Estimate Design Land Construction Other Subsidy M.T.C Contributions Net Cost Amount to be Financed: Regional St. S.R. Property Owners Other TOTAL TOTAL TOTAL	Need for Project To reduce basement flooding. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL 75,100 1,100 76,200



FIVE YEAR CAPITAL BUDGET

1982 - 1986

95

Department/Agency: Engineering Function: Storm Sewers	Project Number: 35242 File Number: 819-18	Financial Report Page: 20 Appendix Page: A6																																
<u>Project Description</u> Forest Avenue and Catharine Street - Storm Sewers Forest Avenue from James Street to Walnut Street and Catharine Street from Forest Avenue to Young Street Local Storm Sewers Approximate Size - 375 to 1050 mm Diameter Approximate Length - 595 Metres	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>550,000</td> </tr> <tr> <td>TOTAL</td> <td>550,000</td> </tr> <tr> <td>Subsidy M.T.C. Contributions</td> <td>250,000</td> </tr> <tr> <td>TOTAL</td> <td>300,000</td> </tr> <tr> <td>Net Cost</td> <td>300,000</td> </tr> <tr> <td>Amount to be Financed: Regional St. S.R. Property Owners Other</td> <td>300,000</td> </tr> <tr> <td>TOTAL</td> <td>300,000</td> </tr> </table>	Design Land Construction Other	550,000	TOTAL	550,000	Subsidy M.T.C. Contributions	250,000	TOTAL	300,000	Net Cost	300,000	Amount to be Financed: Regional St. S.R. Property Owners Other	300,000	TOTAL	300,000	<u>Need for Project</u> To eliminate overloaded sewers and to utilize the new storm trunk sewer.																		
Design Land Construction Other	550,000																																	
TOTAL	550,000																																	
Subsidy M.T.C. Contributions	250,000																																	
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Prior To Budget	Region	Other Contrib	Total																															
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<u>Effect on Current Budget</u> <table border="1"> <tr> <td>Debt Charges</td> <td>64,400</td> </tr> <tr> <td>Annual Costs</td> <td>900</td> </tr> <tr> <td>TOTAL</td> <td>64,400</td> </tr> </table>			Debt Charges	64,400	Annual Costs	900	TOTAL	64,400																										
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering

Function: Storm Sewers

Project Number: 35243

File Number: 302-27

Financial Report Page: 20

Appendix Page: A6

Project Description

Balsam Avenue from Beechwood Avenue to
158 Metres Southerly - Storm Sewers

Local Storm Sewers
Approximate Size - 450 mm Diameter
Approximate Length - 158 Metres

Capital Cost Estimate

Design
Land
Construction
Other

120,000

120,000

50,000

TOTAL

50,000

TOTAL

70,000

Net Cost

Amount to be Financed:

Regional St. S.R.

Property Owners

Other

70,000

TOTAL

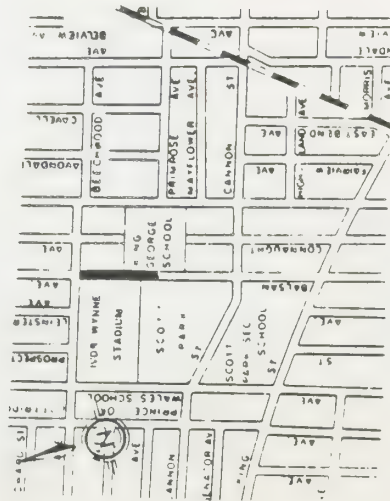
70,000

Need for Project

The existing combined sewer is inadequate in size for storm drainage of the adjoining Brian Timis Stadium. The City of Hamilton has requested for provision of storm sewers on Balsam Avenue for this reason.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1985

Expenditures:

Prior
To Budget

Region
Contrib

Total

1982			
1983			
1984			
1985	20,000	50,000	20,000
1986	50,000	50,000	100,000
1987 & After			
TOTAL	70,000	50,000	120,000

Effect on Current Budget

Debt Charges

Annual Costs

TOTAL

15,000

300

15,300



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Storm Sewers	Project Number: 35219 File Number:	Financial Report Page: 20 Appendix Page: A6																																
<u>Project Description</u> Hoover Crescent/Welbourn Drive Storm Sewers, Hamilton Storm Relief Sewer, together with Road Repairs Approximate Size - 600 mm Diameter Approximate Length - 310 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td>285,000</td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>285,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy M.T.C. Contributions</td> <td>115,000</td> </tr> <tr> <td>TOTAL</td> <td>115,000</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>170,000</td> </tr> <tr> <td>TOTAL</td> <td>170,000</td> </tr> </table> Amount to be Financed: Regional St. S.R. Property Owners Other	Design		Land	285,000	Construction		Other		TOTAL	285,000	Subsidy M.T.C. Contributions	115,000	TOTAL	115,000	Net Cost	170,000	TOTAL	170,000	<u>Need for Project</u> To reduce basement flooding. The existing combined sewer has inadequate capacity.														
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Construction																																		
Other																																		
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TOTAL	115,000																																	
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TOTAL	170,000																																	
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1985 Expenditures: <table border="1"> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td>85,000</td> <td></td> <td>85,000</td> </tr> <tr> <td>1986</td> <td>85,000</td> <td>115,000</td> <td>200,000</td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>170,000</td> <td>115,000</td> <td>285,000</td> </tr> </table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985	85,000		85,000	1986	85,000	115,000	200,000	1987 & After				TOTAL	170,000	115,000	285,000	<u>Additional Information</u>
Prior To Budget	Region	Other Contrib	Total																															
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1987 & After																																		
TOTAL	170,000	115,000	285,000																															
		<u>Effect on Current Budget</u> Debt Charges 36,400 Annual Costs 600 TOTAL 37,000																																



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 35224</p> <p>File Number:</p>	<p>Financial Report Page: 20</p> <p>Appendix Page: A7</p>																																														
<p><u>Project Description</u></p> <p>James Street from Robinson Street to James Mountain Road - Storm Sewers, Hamilton.</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>600,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>600,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>200,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr></table> <table><tr><td>Net Cost</td><td>400,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional</td><td>160,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other T.R.</td><td>240,000</td></tr><tr><td>TOTAL</td><td></td></tr></table>	Design		Land	600,000	Construction		Other		TOTAL	600,000	Subsidy M.T.C. Contributions	200,000	TOTAL	200,000	Net Cost	400,000	Amount to be Financed:		Regional	160,000	Property Owners		Other T.R.	240,000	TOTAL		<p><u>Need for Project</u></p> <p>The planned widening of roadway will increase the flow in the existing overloaded combined sewers; therefore, storm sewers are required to alleviate this condition.</p>																				
Design																																																
Land	600,000																																															
Construction																																																
Other																																																
TOTAL	600,000																																															
Subsidy M.T.C. Contributions	200,000																																															
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TOTAL																																																
<p><u>Municipality</u></p> <p>Hamilton</p>		<p><u>Additional Information</u></p>																																														
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required</td><td>1985</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior</td><td>Region</td><td>Other</td></tr><tr><td>To Budget</td><td>Contrib</td><td>Total</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td>200,000</td><td></td><td>200,000</td></tr><tr><td>1986</td><td>200,000</td><td>200,000</td><td>400,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>400,000</td><td>200,000</td><td>600,000</td></tr></table>	O.M.B. Required	1985		Expenditures:			Prior	Region	Other	To Budget	Contrib	Total	1982				1983				1984				1985	200,000		200,000	1986	200,000	200,000	400,000	1987 & After				TOTAL	400,000	200,000	600,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>34,400</td></tr><tr><td>Annual Costs</td><td>1,300</td></tr><tr><td>TOTAL</td><td>35,700</td></tr></table>	Debt Charges	34,400	Annual Costs	1,300	TOTAL	35,700
O.M.B. Required	1985																																															
Expenditures:																																																
Prior	Region	Other																																														
To Budget	Contrib	Total																																														
1982																																																
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1985	200,000		200,000																																													
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TOTAL	400,000	200,000	600,000																																													
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Annual Costs	1,300																																															
TOTAL	35,700																																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 35220 File Number:	Financial Report Page: 20 Appendix Page: A7																																				
<u>Project Description</u> Catharine Street from Augusta Street to Young Street - Storm Sewers Local Storm Sewers Approximate Size - 675 mm Diameter Approximate Length - 95 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>90,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>90,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>40,000</td></tr><tr><td>TOTAL</td><td>40,000</td></tr><tr><td>Net Cost</td><td>50,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>50,000</td></tr><tr><td>TOTAL</td><td>50,000</td></tr></table>	Design		Land		Construction	90,000	Other		TOTAL	90,000	Subsidy M.T.C. Contributions	40,000	TOTAL	40,000	Net Cost	50,000	Amount to be Financed: Regional St. S.R. Property Owners Other	50,000	TOTAL	50,000	<u>Need for Project</u> Completion of storm sewer installation on Catharine Street for utilizing the new storm sewer on Young Street and relieving overload in the existing combined sewers. The work must be done in conjunction with the planned road reconstruction. <u>Additional Information</u>																
Design																																						
Land																																						
Construction	90,000																																					
Other																																						
TOTAL	90,000																																					
Subsidy M.T.C. Contributions	40,000																																					
TOTAL	40,000																																					
Net Cost	50,000																																					
Amount to be Financed: Regional St. S.R. Property Owners Other	50,000																																					
TOTAL	50,000																																					
<u>Map to Locate Project</u>	<u>Cash Flow</u> <table border="1"><tr><td>O.M.B. Required</td><td>1985</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior To Budget</td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td>30,000</td><td>40,000</td></tr><tr><td>1986</td><td>20,000</td><td>40,000</td></tr><tr><td>1987 & After</td><td></td><td></td></tr><tr><td>TOTAL</td><td>50,000</td><td>40,000</td></tr></table>	O.M.B. Required	1985		Expenditures:			Prior To Budget			1982			1983			1984			1985	30,000	40,000	1986	20,000	40,000	1987 & After			TOTAL	50,000	40,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>10,700</td></tr><tr><td>Annual Costs</td><td>100</td></tr><tr><td>TOTAL</td><td>10,800</td></tr></table>	Debt Charges	10,700	Annual Costs	100	TOTAL	10,800
O.M.B. Required	1985																																					
Expenditures:																																						
Prior To Budget																																						
1982																																						
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1985	30,000	40,000																																				
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TOTAL	50,000	40,000																																				
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 35221 File Number:	Financial Report Page: 21 Appendix Page: A7																																							
Project Description Augusta Street from John Street to Walnut Street - Storm Sewers Local Storm Sewers Approximate Size - 375 to 600 mm Diameter Approximate Length - 265 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>220,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>220,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr><tr><td>Net Cost</td><td>120,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>120,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr></table>	Design		Land		Construction	220,000	Other		TOTAL	220,000	Subsidy M.T.C. Contributions	100,000	TOTAL	100,000	Net Cost	120,000	Amount to be Financed: Regional St. S.R. Property Owners Other	120,000	TOTAL	120,000	Need for Project Completion of storm sewer installation on Augusta Street for utilizing the new storm trunk sewer on Young Street and relieving overload in the existing combined sewers. The work must be done in conjunction with the planned road reconstruction. Additional Information																			
Design																																									
Land																																									
Construction	220,000																																								
Other																																									
TOTAL	220,000																																								
Subsidy M.T.C. Contributions	100,000																																								
TOTAL	100,000																																								
Net Cost	120,000																																								
Amount to be Financed: Regional St. S.R. Property Owners Other	120,000																																								
TOTAL	120,000																																								
Map to Locate Project	Cash Flow <table border="1"><tr><td>O.M.B. Required</td><td>1985</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior To Budget</td><td>Region</td><td>Other Contrib Total</td></tr><tr><td>1982</td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td>70,000</td><td></td></tr><tr><td>1986</td><td>50,000</td><td>100,000</td></tr><tr><td>1987 & After</td><td></td><td></td></tr><tr><td>TOTAL</td><td>120,000</td><td>100,000</td></tr><tr><td></td><td></td><td>220,000</td></tr></table>	O.M.B. Required	1985		Expenditures:			Prior To Budget	Region	Other Contrib Total	1982			1983			1984			1985	70,000		1986	50,000	100,000	1987 & After			TOTAL	120,000	100,000			220,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>25,800</td></tr><tr><td>Annual Costs</td><td>400</td></tr><tr><td>TOTAL</td><td>26,200</td></tr></table>	Debt Charges	25,800	Annual Costs	400	TOTAL	26,200
O.M.B. Required	1985																																								
Expenditures:																																									
Prior To Budget	Region	Other Contrib Total																																							
1982																																									
1983																																									
1984																																									
1985	70,000																																								
1986	50,000	100,000																																							
1987 & After																																									
TOTAL	120,000	100,000																																							
		220,000																																							
Debt Charges	25,800																																								
Annual Costs	400																																								
TOTAL	26,200																																								



1982 - 1986

Department/Agency: Engineering Function: Storm Sewers	Project Number: 35218 File Number:	Financial Report Page: 21 Appendix Page: A6																																				
<u>Project Description</u> Chedoke Creek Pollution Control Engineering, Hamilton Pollution control works in Chedoke Creek basin and outlet in accordance with the findings of the study by McMaster University currently in progress.	<u>Capital Cost Estimate</u> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Design Land Construction</td> <td style="width: 40%; text-align: right;">200,000</td> </tr> <tr> <td>Other - Engineering</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">400,000</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Subsidy Contributions</td> <td style="text-align: right;">NIL</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">NIL</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Net Cost</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Amount to be Financed: Regional St. S.R. Property Owners Other</td> <td style="text-align: right; vertical-align: bottom;">200,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">200,000</td> </tr> </table>		Design Land Construction	200,000	Other - Engineering	200,000	TOTAL	400,000			Subsidy Contributions	NIL	TOTAL	NIL			Net Cost	200,000			Amount to be Financed: Regional St. S.R. Property Owners Other	200,000	TOTAL	200,000														
Design Land Construction	200,000																																					
Other - Engineering	200,000																																					
TOTAL	400,000																																					
Subsidy Contributions	NIL																																					
TOTAL	NIL																																					
Net Cost	200,000																																					
Amount to be Financed: Regional St. S.R. Property Owners Other	200,000																																					
TOTAL	200,000																																					
<u>Need for Project</u> To reduce pollution in Cootes Paradise from the inflowing waters of Chedoke Creek.																																						
<u>Additional Information</u>																																						
<u>Map to Locate Project</u>																																						
<u>Cash Flow</u> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">O.M.B. Required Expenditures:</th> <th style="width: 20%;">1985</th> <th style="width: 20%;">Other Contrib</th> <th style="width: 30%;">Total</th> </tr> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td>100,000</td> <td></td> <td>100,000</td> </tr> <tr> <td>1986</td> <td>100,000</td> <td></td> <td>100,000</td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> </table>			O.M.B. Required Expenditures:	1985	Other Contrib	Total	Prior To Budget				1982				1983				1984				1985	100,000		100,000	1986	100,000		100,000	1987 & After				TOTAL	200,000		200,000
O.M.B. Required Expenditures:	1985	Other Contrib	Total																																			
Prior To Budget																																						
1982																																						
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1984																																						
1985	100,000		100,000																																			
1986	100,000		100,000																																			
1987 & After																																						
TOTAL	200,000		200,000																																			
<u>Effect on Current Budget</u> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Debt Charges</td> <td style="width: 40%; text-align: right;">42,900</td> </tr> <tr> <td>Annual Costs</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">42,900</td> </tr> </table>			Debt Charges	42,900	Annual Costs	N/A	TOTAL	42,900																														
Debt Charges	42,900																																					
Annual Costs	N/A																																					
TOTAL	42,900																																					



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 36222 File Number:	Financial Report Page: 21 Appendix Page: A7																																				
<u>Project Description</u> Shaw Street/Cheever Street - Storm Sewers Local Storm Sewers Approximate Size - 375 to 600 mm Diameter Approximate Length - 335 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design Land Construction Other</td><td>200,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>80,000</td></tr><tr><td>TOTAL</td><td>80,000</td></tr><tr><td>Net Cost</td><td>120,000</td></tr><tr><td>Amount to be Financed: Regional ST. S.R. Property Owners Other</td><td>120,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr></table>	Design Land Construction Other	200,000	TOTAL	200,000	Subsidy M.T.C. Contributions	80,000	TOTAL	80,000	Net Cost	120,000	Amount to be Financed: Regional ST. S.R. Property Owners Other	120,000	TOTAL	120,000	<u>Need for Project</u> To relieve overload in the existing combined sewer system by utilizing the new storm sewer on Burton Street and servicing the Shaw Street/Cheever Street area with storm sewers. <u>Additional Information</u>																						
Design Land Construction Other	200,000																																					
TOTAL	200,000																																					
Subsidy M.T.C. Contributions	80,000																																					
TOTAL	80,000																																					
Net Cost	120,000																																					
Amount to be Financed: Regional ST. S.R. Property Owners Other	120,000																																					
TOTAL	120,000																																					
<u>Map to Locate Project</u>	<u>Cash Flow</u> <table border="1"><tr><td>O.M.B. Required</td><td>1986</td><td></td></tr><tr><td>Expenditures:</td><td>Region</td><td>Other Contrib</td></tr><tr><td>Prior To Budget</td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td></tr><tr><td>1987 & After</td><td>120,000</td><td>80,000</td></tr><tr><td>TOTAL</td><td>120,000</td><td>80,000</td></tr></table>	O.M.B. Required	1986		Expenditures:	Region	Other Contrib	Prior To Budget			1982			1983			1984			1985			1986			1987 & After	120,000	80,000	TOTAL	120,000	80,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>25,800</td></tr><tr><td>Annual Costs</td><td>500</td></tr><tr><td>TOTAL</td><td>26,300</td></tr></table>	Debt Charges	25,800	Annual Costs	500	TOTAL	26,300
O.M.B. Required	1986																																					
Expenditures:	Region	Other Contrib																																				
Prior To Budget																																						
1982																																						
1983																																						
1984																																						
1985																																						
1986																																						
1987 & After	120,000	80,000																																				
TOTAL	120,000	80,000																																				
Debt Charges	25,800																																					
Annual Costs	500																																					
TOTAL	26,300																																					



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 36223 File Number:	Financial Report Page: 21 Appendix Page: A7																																						
<u>Project Description</u> Franklin Road from East 27th Street to Upper Sherman Avenue - Storm Sewers Local Storm Sewers Approximate Size - 1050 mm Diameter Approximate Length - 190 m, including Road Repairs <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>80,000</td></tr><tr><td>TOTAL</td><td>80,000</td></tr><tr><td>Net Cost</td><td>80,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>120,000</td></tr><tr><td>TOTAL</td><td>120,000</td></tr></table>	Design		Land		Construction	200,000	Other		TOTAL	200,000	Subsidy M.T.C. Contributions	80,000	TOTAL	80,000	Net Cost	80,000	TOTAL	120,000	Amount to be Financed: Regional St. S.R. Property Owners Other	120,000	TOTAL	120,000	<u>Need for Project</u> The existing combined sewer is inadequate for storm drainage of the area. Storm sewers must be installed to reduce basement flooding. <u>Additional Information</u>																
Design																																								
Land																																								
Construction	200,000																																							
Other																																								
TOTAL	200,000																																							
Subsidy M.T.C. Contributions	80,000																																							
TOTAL	80,000																																							
Net Cost	80,000																																							
TOTAL	120,000																																							
Amount to be Financed: Regional St. S.R. Property Owners Other	120,000																																							
TOTAL	120,000																																							
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1986 Expenditures: <table border="1"><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td>120,000</td><td>80,000</td><td>200,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>120,000</td><td>80,000</td><td>200,000</td></tr></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985				1986	120,000	80,000	200,000	1987 & After				TOTAL	120,000	80,000	200,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>25,800</td></tr><tr><td>Annual Costs</td><td>300</td></tr><tr><td>TOTAL</td><td>26,100</td></tr></table>	Debt Charges	25,800	Annual Costs	300	TOTAL	26,100
Prior To Budget	Region	Other Contrib	Total																																					
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TOTAL	120,000	80,000	200,000																																					
Debt Charges	25,800																																							
Annual Costs	300																																							
TOTAL	26,100																																							



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 36226 File Number:	Financial Report Page: 21 Appendix Page: A7																																								
Project Description Catharine Street from King Street to Cannon Street - Sewer Reconstruction Replacement of Existing 3'0" x 4'0" Sewer with 900 to 1050 mm Diameter Pipe, Approximate Length - 500 m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design Land Construction Other</td><td>450,000</td></tr><tr><td>TOTAL</td><td>450,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>110,000</td></tr><tr><td>TOTAL</td><td>110,000</td></tr><tr><td>Net Cost</td><td>340,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>340,000</td></tr><tr><td>TOTAL</td><td>340,000</td></tr></table>	Design Land Construction Other	450,000	TOTAL	450,000	Subsidy M.T.C. Contributions	110,000	TOTAL	110,000	Net Cost	340,000	Amount to be Financed: Regional St. S.R. Property Owners Other	340,000	TOTAL	340,000	Need for Project The existing combined sewer has failed structurally and it must be replaced in conjunction with road reconstruction. Additional Information																										
Design Land Construction Other	450,000																																									
TOTAL	450,000																																									
Subsidy M.T.C. Contributions	110,000																																									
TOTAL	110,000																																									
Net Cost	340,000																																									
Amount to be Financed: Regional St. S.R. Property Owners Other	340,000																																									
TOTAL	340,000																																									
Map to Locate Project	Cash Flow <table border="1"><tr><td>O.M.B. Required</td><td>1986</td></tr><tr><td>Expenditures:</td><td>Other</td></tr><tr><td>Prior To Budget</td><td>Region Contrib Total</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td>340,000</td><td>110,000</td><td>340,000</td></tr><tr><td>TOTAL</td><td>340,000</td><td>110,000</td><td>340,000</td></tr></table>	O.M.B. Required	1986	Expenditures:	Other	Prior To Budget	Region Contrib Total	1982				1983				1984				1985				1986				1987 & After	340,000	110,000	340,000	TOTAL	340,000	110,000	340,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>73,000</td></tr><tr><td>Annual Costs</td><td>700</td></tr><tr><td>TOTAL</td><td>73,700</td></tr></table>	Debt Charges	73,000	Annual Costs	700	TOTAL	73,700
O.M.B. Required	1986																																									
Expenditures:	Other																																									
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

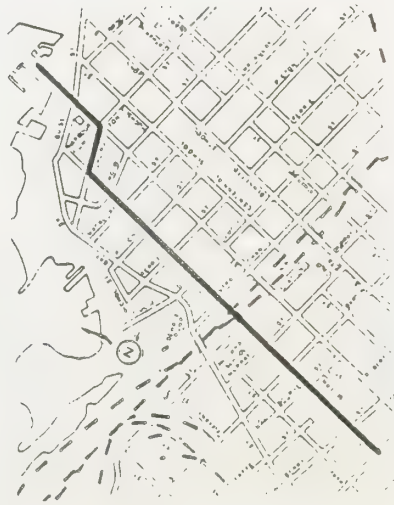
<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 36227</p> <p>File Number:</p>	<p>Financial Report Page: 21</p> <p>Appendix Page: A7</p>																																												
<p><u>Project Description</u></p> <p>Bay Street from Bold Street to Duke Street - Storm Sewers</p> <p>Local Storm Sewers</p> <p>Approximate Size - 375 to 450 mm Diameter</p> <p>Approximate Length - 105 m</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>80,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>80,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>35,000</td></tr><tr><td>TOTAL</td><td>35,000</td></tr></table> <table><tr><td>Net Cost</td><td>45,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional St. S.R. Property Owners</td><td>45,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>45,000</td></tr></table>	Design		Land		Construction	80,000	Other		TOTAL	80,000	Subsidy M.T.C. Contributions	35,000	TOTAL	35,000	Net Cost	45,000	Regional St. S.R. Property Owners	45,000	Other		TOTAL	45,000	<p><u>Need for Project</u></p> <p>Completion of storm sewer installation on Bay Street for utilizing the new storm sewer on Duke Street and relieving overload in the existing combined sewers.</p> <p>The work must be done in conjunction with the planned road reconstruction.</p> <p><u>Additional Information</u></p>																						
Design																																														
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Construction	80,000																																													
Other																																														
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required</td><td>1986</td></tr></table> <p>Expenditures:</p> <table><thead><tr><th></th><th><u>Region</u></th><th><u>Other Contrib</u></th><th><u>Total</u></th></tr></thead><tbody><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td>45,000</td><td>35,000</td><td>80,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>45,000</td><td>35,000</td><td>80,000</td></tr></tbody></table>	O.M.B. Required	1986		<u>Region</u>	<u>Other Contrib</u>	<u>Total</u>	Prior To Budget				1982				1983				1984				1985				1986	45,000	35,000	80,000	1987 & After				TOTAL	45,000	35,000	80,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>9,700</td></tr><tr><td>Annual Costs</td><td>100</td></tr><tr><td>TOTAL</td><td>9,800</td></tr></table>	Debt Charges	9,700	Annual Costs	100	TOTAL	9,800
O.M.B. Required	1986																																													
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Department/Agency: Engineering Function: Transportation - Storm Sewers	Project Number: 36207 A File Number: 813-14	Financial Report Page: 22 Appendix Page: A7																																										
Project Description McNab Street Storm Sewer, Cannon Street to Harbour - Construction, Trunk Storm Sewer Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design Land Construction Other</td><td>4,200,000</td></tr><tr><td>TOTAL</td><td>4,200,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>1,000,000</td></tr><tr><td>TOTAL</td><td>1,000,000</td></tr><tr><td>Net Cost</td><td>3,200,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other</td><td>3,200,000</td></tr><tr><td>TOTAL</td><td>3,200,000</td></tr></table>	Design Land Construction Other	4,200,000	TOTAL	4,200,000	Subsidy M.T.C. Contributions	1,000,000	TOTAL	1,000,000	Net Cost	3,200,000	Amount to be Financed: Regional St. S.R. Property Owners Other	3,200,000	TOTAL	3,200,000	Need for Project To relieve an existing trunk storm sewer servicing the C.B.D. of Hamilton. Additional Information																												
Design Land Construction Other	4,200,000																																											
TOTAL	4,200,000																																											
Subsidy M.T.C. Contributions	1,000,000																																											
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Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required Expenditures:</th><th>1985</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td>200,000</td><td></td><td>200,000</td></tr><tr><td>1987 & After</td><td>3,000,000</td><td>1,000,000</td><td>4,000,000</td></tr><tr><td>TOTAL</td><td>3,200,000</td><td>1,000,000</td><td>4,200,000</td></tr></table>	O.M.B. Required Expenditures:	1985	Other Contrib	Total	Prior To Budget				1982				1983				1984				1985				1986	200,000		200,000	1987 & After	3,000,000	1,000,000	4,000,000	TOTAL	3,200,000	1,000,000	4,200,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>42,900</td></tr><tr><td>Annual Costs</td><td>1,500</td></tr><tr><td>TOTAL</td><td>44,400</td></tr></table>	Debt Charges	42,900	Annual Costs	1,500	TOTAL	44,400
O.M.B. Required Expenditures:	1985	Other Contrib	Total																																									
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TOTAL	44,400																																											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Storm Sewers	Project Number: 36225 File Number:	Financial Report Page: 22 Appendix Page: A7																																				
Project Description Kenilworth Avenue/McAnulty Boulevard area - Storm Water Pumping Station Storm Water Pumping Station	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>30,000</td></tr><tr><td>Land</td><td>170,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>200,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. S.R.</td><td>200,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>200,000</td></tr></table>	Design	30,000	Land	170,000	Construction		Other		TOTAL	200,000	Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	200,000	Amount to be Financed:		Regional St. S.R.	200,000	Property Owners		Other		TOTAL	200,000	Need for Project To alleviate the flooding under the C.N.R. bridge and to reduce basement flooding in the area by limiting the storm water input to the combined sewer system.										
Design	30,000																																					
Land	170,000																																					
Construction																																						
Other																																						
TOTAL	200,000																																					
Subsidy Contributions	NIL																																					
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Net Cost	200,000																																					
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TOTAL	200,000																																					
Municipality Hamilton		Additional Information																																				
Map to Locate Project	Cash Flow <table border="1"><tr><td>O.M.B. Required</td><td>1986</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior To Budget</td><td>Region</td><td>Other Contrib Total</td></tr><tr><td>1982</td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td>50,000</td><td>50,000</td></tr><tr><td>1987 & After</td><td>150,000</td><td>150,000</td></tr><tr><td>TOTAL</td><td>200,000</td><td>200,000</td></tr></table>	O.M.B. Required	1986		Expenditures:			Prior To Budget	Region	Other Contrib Total	1982			1983			1984			1985			1986	50,000	50,000	1987 & After	150,000	150,000	TOTAL	200,000	200,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>42,900</td></tr><tr><td>Annual Costs</td><td>5,000</td></tr><tr><td>TOTAL</td><td>47,900</td></tr></table>	Debt Charges	42,900	Annual Costs	5,000	TOTAL	47,900
O.M.B. Required	1986																																					
Expenditures:																																						
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TOTAL	47,900																																					



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 81000 + 81000A File Number:	Financial Report Page: 23 & 26 Appendix Page:																																				
Project Description Rated Storm Sewers and Minor Improvements - 1981 Financing of Various Projects Municipality	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>2,100,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,100,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>400,000</td></tr><tr><td>TOTAL</td><td>400,000</td></tr><tr><td>Net Cost</td><td>1,700,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. S.R.</td><td>900,000</td></tr><tr><td>Property Owners</td><td>500,000</td></tr><tr><td>Other T.R.</td><td>300,000</td></tr><tr><td>TOTAL</td><td>1,700,000</td></tr></table>	Design		Land	2,100,000	Construction		Other		TOTAL	2,100,000	Subsidy M.T.C. Contributions	400,000	TOTAL	400,000	Net Cost	1,700,000	Amount to be Financed:		Regional St. S.R.	900,000	Property Owners	500,000	Other T.R.	300,000	TOTAL	1,700,000	Need for Project This item provides for the financing of Local Improvement projects and minor works normally arising from road construction. Additional Information										
Design																																						
Land	2,100,000																																					
Construction																																						
Other																																						
TOTAL	2,100,000																																					
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Map to Locate Project	Cash Flow O.M.B. Required 1981 Expenditures: <table border="1"><thead><tr><th>Prior</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>To Budget</td><td>450,000</td><td>900,000</td><td>450,000</td></tr><tr><td>1982</td><td>750,000</td><td>900,000</td><td>1,650,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,200,000</td><td>900,000</td><td>2,100,000</td></tr></tbody></table>	Prior	Region	Other Contrib	Total	To Budget	450,000	900,000	450,000	1982	750,000	900,000	1,650,000	1983				1984				1985				1986				1987 & After				TOTAL	1,200,000	900,000	2,100,000	Effect on Current Budget Debt Charges _____ Annual Costs _____ TOTAL _____
Prior	Region	Other Contrib	Total																																			
To Budget	450,000	900,000	450,000																																			
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FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 82000 + 82000A</p> <p>File Number:</p>	<p>Financial Report Page: 23 & 26</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Rated Storm Sewers and Minor Improvements - 1982</p> <p>Financing of Various Projects</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>2,200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,200,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>400,000</td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table> <table><tr><td>Net Cost</td><td>1,800,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional St. S.R.</td><td>800,000</td></tr><tr><td>Property Owners</td><td>700,000</td></tr><tr><td>Other T.R.</td><td>300,000</td></tr><tr><td>TOTAL</td><td>1,800,000</td></tr></table>	Design		Land		Construction	2,200,000	Other		TOTAL	2,200,000	Subsidy M.T.C. Contributions	400,000	TOTAL	400,000	Net Cost	1,800,000	Regional St. S.R.	800,000	Property Owners	700,000	Other T.R.	300,000	TOTAL	1,800,000	<p><u>Need for Project</u></p> <p>See Item #81000</p> <p><u>Additional Information</u></p>								
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1982</p> <p>Expenditures:</p> <table><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>1982</td><td>750,000</td><td>350,000</td><td>1,000,000</td></tr><tr><td>1983</td><td>450,000</td><td>750,000</td><td>1,200,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,100,000</td><td>1,100,000</td><td>2,200,000</td></tr></table>	Prior To Budget	Region	Other Contrib	Total	1982	750,000	350,000	1,000,000	1983	450,000	750,000	1,200,000	1984				1985				1986				1987 & After				TOTAL	1,100,000	1,100,000	2,200,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
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1987 & After																																		
TOTAL	1,100,000	1,100,000	2,200,000																															



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Department/Agency: Engineering Function: Storm Sewers	Project Number: 83000 + 83000A File Number:	Financial Report Page: 23 & 26 Appendix Page:
<u>Project Description</u> Rated Storm Sewers and Minor Improvements - 1983 Financing of Various Projects <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction Other Subsidy M.T.C. Contributions Net Cost Amount to be Financed: Regional St. S.R. Property Owners Other T.R. TOTAL TOTAL TOTAL	<u>Need for Project</u> See Item #81000 <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



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<p>Department/Agency: Engineering</p> <p>Function: Storm Sewers</p>	<p>Project Number: 84000 + 84000A</p> <p>File Number:</p>	<p>Financial Report Page: 23 & 27</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Rated Storm Sewers and Minor Improvements - 1984</p> <p>Financing of Various Projects</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>2,400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,400,000</td></tr></table> <table><tr><td>Subsidy M.T.C. Contributions</td><td>500,000</td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table> <table><tr><td>Net Cost</td><td>1,900,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional St. S.R.</td><td>1,000,000</td></tr><tr><td>Property Owners</td><td>700,000</td></tr><tr><td>Other T.R.</td><td>200,000</td></tr><tr><td>TOTAL</td><td>1,900,000</td></tr></table>	Design		Land		Construction	2,400,000	Other		TOTAL	2,400,000	Subsidy M.T.C. Contributions	500,000	TOTAL	500,000	Net Cost	1,900,000	Amount to be Financed:		Regional St. S.R.	1,000,000	Property Owners	700,000	Other T.R.	200,000	TOTAL	1,900,000	<p><u>Need for Project</u></p> <p>See Item #81000</p> <p><u>Additional Information</u></p>						
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Other T.R.	200,000																																	
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1984</p> <p>Expenditures:</p> <table><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td>500,000</td><td>600,000</td><td>1,100,000</td></tr><tr><td>1985</td><td>700,000</td><td>600,000</td><td>1,300,000</td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,200,000</td><td>1,200,000</td><td>2,400,000</td></tr></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984	500,000	600,000	1,100,000	1985	700,000	600,000	1,300,000	1986				1987 & After				TOTAL	1,200,000	1,200,000	2,400,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
Prior To Budget	Region	Other Contrib	Total																															
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1987 & After																																		
TOTAL	1,200,000	1,200,000	2,400,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Storm Sewers	Project Number: 85000 + 85000A File Number:	Financial Report Page: 23 & 27 Appendix Page:																																
Project Description Rated Storm Sewers and Minor Improvements - 1985 Financing of Various Projects Municipality	Capital Cost Estimate Design Land Construction 2,500,000 Other TOTAL 2,500,000 Subsidy M.T.C. Contributions 500,000 TOTAL 500,000 Net Cost 2,000,000 Amount to be Financed: Regional St. S.R. 1,100,000 Property Owners 700,000 Other T.R. 200,000 TOTAL 2,000,000	Need for Project See Item #81000 Additional Information																																
Map to Locate Project	Cash Flow O.M.B. Required 1985 Expenditures: <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td>550,000</td><td>650,000</td><td>1,200,000</td></tr><tr><td>1986</td><td>750,000</td><td>550,000</td><td>1,300,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,300,000</td><td>1,200,000</td><td>2,500,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985	550,000	650,000	1,200,000	1986	750,000	550,000	1,300,000	1987 & After				TOTAL	1,300,000	1,200,000	2,500,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
Prior To Budget	Region	Other Contrib	Total																															
1982																																		
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TOTAL	1,300,000	1,200,000	2,500,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Storm Sewers	Project Number: 86000 + 86000A File Number:	Financial Report Page: 23 & 27 Appendix Page:																				
Project Description Rated Storm Sewers and Minor Improvements - 1986 Financing of Various Projects <u>Municipality</u>	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>2,600,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,600,000</td></tr><tr><td>Subsidy M.T.C. Contributions</td><td>600,000</td></tr><tr><td>TOTAL</td><td>600,000</td></tr><tr><td>Net Cost</td><td>2,000,000</td></tr><tr><td>Amount to be Financed: Regional St. S.R. Property Owners Other T.R.</td><td>1,100,000 700,000 200,000</td></tr><tr><td>TOTAL</td><td>2,000,000</td></tr></table>	Design		Land		Construction	2,600,000	Other		TOTAL	2,600,000	Subsidy M.T.C. Contributions	600,000	TOTAL	600,000	Net Cost	2,000,000	Amount to be Financed: Regional St. S.R. Property Owners Other T.R.	1,100,000 700,000 200,000	TOTAL	2,000,000	Need for Project See Item #82000 Additional Information
Design																						
Land																						
Construction	2,600,000																					
Other																						
TOTAL	2,600,000																					
Subsidy M.T.C. Contributions	600,000																					
TOTAL	600,000																					
Net Cost	2,000,000																					
Amount to be Financed: Regional St. S.R. Property Owners Other T.R.	1,100,000 700,000 200,000																					
TOTAL	2,000,000																					
Map to Locate Project	Cash Flow <table border="1"><tr><td>O.M.B. Required</td><td>1986</td></tr><tr><td>Expenditures:</td><td></td></tr><tr><td>Prior To Budget</td><td></td></tr><tr><td>1982</td><td></td></tr><tr><td>1983</td><td></td></tr><tr><td>1984</td><td></td></tr><tr><td>1985</td><td></td></tr><tr><td>1986</td><td></td></tr><tr><td>1987 & After</td><td>1,000,000 300,000 1,300,000</td></tr><tr><td>TOTAL</td><td>300,000 1,000,000 1,300,000</td></tr></table>	O.M.B. Required	1986	Expenditures:		Prior To Budget		1982		1983		1984		1985		1986		1987 & After	1,000,000 300,000 1,300,000	TOTAL	300,000 1,000,000 1,300,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
O.M.B. Required	1986																					
Expenditures:																						
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1987 & After	1,000,000 300,000 1,300,000																					
TOTAL	300,000 1,000,000 1,300,000																					

SANITARY SEWERS

DETAIL SHEETS



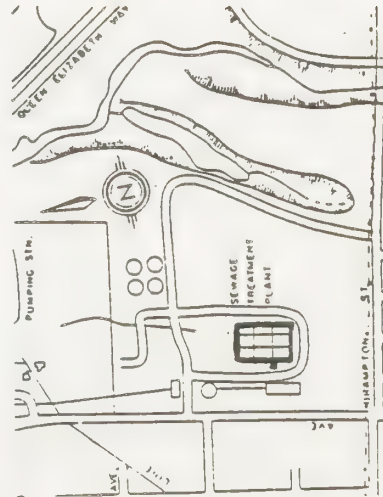
FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 38224 File Number:	Financial Report Page: 28 Appendix Page:
Project Description Secondary Sewage Treatment Plant - Hamilton Engineering and Construction	Capital Cost Estimate Design Land Construction Other Subsidy CMHC Contributions OWRC Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	Need for Project Additional Information
Municipality Hamilton	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL

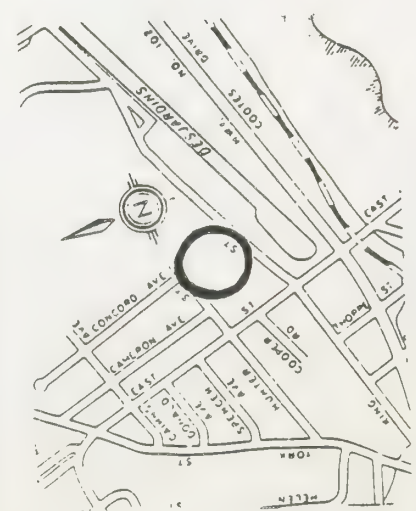
Map to Locate Project



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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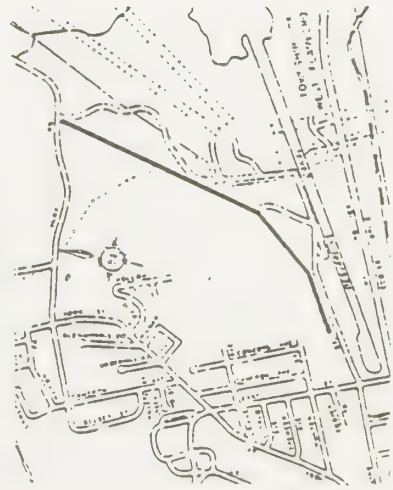
<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 34702</p> <p>File Number:</p>	<p>Financial Report Page: 28</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Expansion of Sewage Treatment Plant - Design King Street - Dundas (OHAP-200) - 1977</p> <p>To expand Existing Sewage Treatment Plant from 1.5 M.I.G.D. to 4.0 M.I.G.D.</p> <p><u>Municipality</u></p> <p>Dundas</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>200,000</td> </tr> <tr> <td>Other</td> <td>200,000</td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> </tr> </table> <p>Subsidy Contributions</p> <p>TOTAL NIL</p> <p>Net Cost 200,000</p> <p>Amount to be Financed: Regional S. Surcharge 200,000</p> <p>Property Owners Other</p> <p>TOTAL 200,000</p>	Design Land		Construction	200,000	Other	200,000	TOTAL	200,000	<p><u>Need for Project</u></p> <p>To provide additional capacity for growth in Dundas.</p> <p><u>Additional Information</u></p>																								
Design Land																																		
Construction	200,000																																	
Other	200,000																																	
TOTAL	200,000																																	
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <p>O.M.B. Required Received</p> <table border="1"> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> <tr> <td>1982</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> </table>	Prior To Budget	Region	Other Contrib	Total	1982	200,000		200,000	1983				1984				1985				1986				1987 & After				TOTAL	200,000		200,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
Prior To Budget	Region	Other Contrib	Total																															
1982	200,000		200,000																															
1983																																		
1984																																		
1985																																		
1986																																		
1987 & After																																		
TOTAL	200,000		200,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 35704 File Number:	Financial Report Page: 28 Appendix Page:																																										
<u>Project Description</u> Eastern Trunk Sanitary Sewer - King Street Plant to York Road (OHAP - 200/1978) <u>Municipality</u> Dundas	<u>Capital Cost Estimate</u> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>800,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>800,000</td></tr></table> <table><tr><td>CMHC</td><td></td></tr><tr><td>Subsidy M.O.F.</td><td>104,000</td></tr><tr><td>Contributions OHAP</td><td>41,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr></table> <table><tr><td>Net Cost</td><td>345,000</td></tr><tr><td>Amount to be Financed:</td><td>455,000</td></tr><tr><td>Regional S.R.</td><td></td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>455,000</td></tr></table>	Design		Land		Construction	800,000	Other		TOTAL	800,000	CMHC		Subsidy M.O.F.	104,000	Contributions OHAP	41,000	TOTAL	200,000	Net Cost	345,000	Amount to be Financed:	455,000	Regional S.R.		Property Owners		Other		TOTAL	455,000	<u>Need for Project</u> To provide service to future development and eliminate septic tank pollution problems. <u>Additional Information</u>												
Design																																												
Land																																												
Construction	800,000																																											
Other																																												
TOTAL	800,000																																											
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<u>Map to Locate Project</u> 	<u>Cash Flow</u> <table><tr><th>O.M.B. Required Expenditures:</th><th>Received</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td>387,000</td><td>345,000</td><td>732,000</td></tr><tr><td>1982</td><td>68,000</td><td></td><td>68,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>455,000</td><td>345,000</td><td>800,000</td></tr></table>	O.M.B. Required Expenditures:	Received	Other Contrib	Total	Prior To Budget	387,000	345,000	732,000	1982	68,000		68,000	1983				1984				1985				1986				1987 & After				TOTAL	455,000	345,000	800,000	<u>Effect on Current Budget</u> <table><tr><td>Debt Charges</td><td>14,600</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>14,600</td></tr></table>	Debt Charges	14,600	Annual Costs		TOTAL	14,600
O.M.B. Required Expenditures:	Received	Other Contrib	Total																																									
Prior To Budget	387,000	345,000	732,000																																									
1982	68,000		68,000																																									
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1987 & After																																												
TOTAL	455,000	345,000	800,000																																									
Debt Charges	14,600																																											
Annual Costs																																												
TOTAL	14,600																																											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 34701 File Number:	Financial Report Page: 28 Appendix Page:
Project Description Western Sanitary Trunk Sewer - Phase I and Phase II - Dundas (OHAP - 1000/1978) Sanitary Trunk Sewer, approximately 54", and to run along York Street, Main Street, Governor's Road and Private Land	Capital Cost Estimate Design Land Construction Other TOTAL M.O.E. Subsidy CMHC OHAP Contributions S.L. TOTAL Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	Need for Project Additional Information Effect on Current Budget Debt Charges Annual Costs TOTAL
Municipality Dundas	Cash Flow O.M.B. Required Received Expenditures: Prior Region Other To Budget 113,000 1,349,000 1,462,000 1982 1983 1984 1985 1986 1987 & After TOTAL 113,000 1,349,000 1,462,000	

Map to Locate Project





FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Location: Sewage Works	Project Number: 35238 File Number:	Financial Report Page: 28 Appendix Page:
Project Description Mountain Industrial Trunk Sanitary Sewer and Branch Sewers between Stone Church and Rymal Road	Capital Cost Estimate Design Land Construction Other 890,000 TOTAL 890,000 Subsidy M.O.E. 125,000 Contributions CMHC 285,000 TOTAL 410,000 Net Cost 480,000 Amount to be Financed: Regional S. Surcharge 480,000 Property Owners Other TOTAL 480,000	Need for Project To provide service to lands along Rymal Road from approximately Trinity Church Road to Upper Sherman Avenue.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Prior Region Other To Budget 605,000 285,000 Total 890,000 1982 1983 1984 1985 1986 1987 & After TOTAL 605,000 285,000 890,000	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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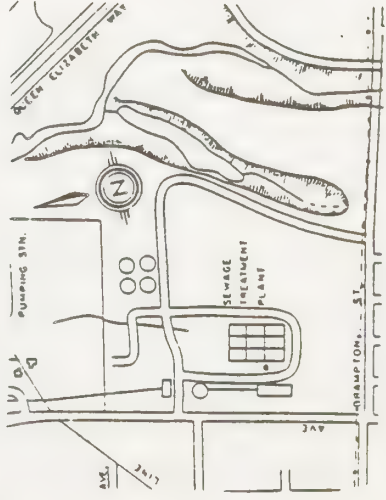
Department/Agency: Engineering Function: Sewage Works	Project Number: 35903 File Number:	Financial Report Page: 28 Appendix Page:																																				
Project Description Stoney Creek Valley from Battlefield Creek to Queenston Road - Construction Trunk Sanitary Sewer Approximate Size - 48" <u>Municipality</u> Stoney Creek	Capital Cost Estimate <table border="1"><tr><td>Design</td><td>50,000</td></tr><tr><td>Land</td><td>410,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>460,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr><tr><td>Net Cost</td><td>360,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>360,000</td></tr><tr><td>TOTAL</td><td>360,000</td></tr></table>	Design	50,000	Land	410,000	Construction		Other		TOTAL	460,000	Subsidy M.O.E. Contributions	100,000	TOTAL	100,000	Net Cost	360,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	360,000	TOTAL	360,000	Need for Project To provide service to lands along Queenston Road and provide for future abandonment of a pumping station. Additional Information																
Design	50,000																																					
Land	410,000																																					
Construction																																						
Other																																						
TOTAL	460,000																																					
Subsidy M.O.E. Contributions	100,000																																					
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Amount to be Financed: Regional S. Surcharge Property Owners Other	360,000																																					
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Prior	Region	Other	Total																																			
To Budget	460,000		460,000																																			
1982																																						
1983																																						
1984																																						
1985																																						
1986																																						
1987 & After																																						
TOTAL	460,000		460,000																																			



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 36226-A File Number: 819-06	Financial Report Page: 29 Appendix Page:
Project Description Woodward Avenue Sewage Treatment Plant Expansion - Phase I - Construction Increase the S.T.P. Capacity beyond the Existing Capacity of 60 M.I.G.D.	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy M.O.F. Contributions CMHC TOTAL Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	Need for Project The existing plant will be overloaded in 76 - 77.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering
Function: Sewage Works

Project Number: H1204, H2303 & H2304
File Number: 328-43

Financial Report Page: 29
Appendix Page:

Project Description

Limeridge Road, Upper Wentworth Street,
Upper Wellington Street - Region's
Portion (OHAP-220/1978)

Municipality

Hamilton

Capital Cost Estimate

Design
Land
Construction 618,000
Other

TOTAL 618,000

Subsidy
Contributions OHAP

220,000

TOTAL

220,000

398,000

Net Cost

Amount to be Financed:

85,000

Regional

313,000

Property Owners

Other

398,000

TOTAL

Additional Information

Need for Project

Map to Locate Project

Cash Flow

O.M.B. Required Received

Expenditures:

Prior

To Budget

1982

1982

1984

1985

1986

1987 & After

TOTAL

Region

Contrib

Total

265,000

265,000

268,000

353,000

533,000

618,000

Effect on Current Budget

Debt Charges

Annual Costs

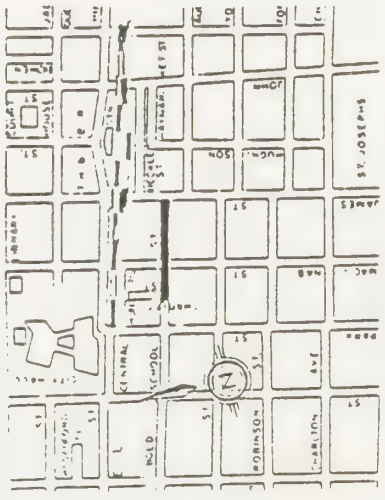
TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 37223 File Number: 802-15	Financial Report Page: 29 Appendix Page:
Project Description Bold Street from James Street to Charles Street Local Sanitary Sewer, 10" Diameter, Approximate Length - 780', Private Drains and Road Repairs Municipality Hamilton	Capital Cost Estimate Design Land Construction Other 30,000 Subsidy Contributions TOTAL 30,000 Net Cost TOTAL NIL 30,000 Amount to be Financed: Regional S. Surcharge 30,000 Property Owners Other TOTAL 30,000	Need for Project The existing combined sewer has insufficient capacity and cannot be maintained. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 30,000 Region 30,000 Other Contrib Total 30,000 1982 1983 1984 1985 1986 1987 & After TOTAL 30,000 30,000	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Sanitary Sewer System</p>	<p>Project Number: 37224</p> <p>File Number:</p>	<p>Financial Report Page: 29</p> <p>Appendix Page:</p>																																								
<p><u>Project Description</u></p> <p>Southwest Central Area - Reconstruction of Sewers on Duke Street between MacNab and Park Streets</p> <p>250 mm Diameter Local Sanitary Sewer, Private Drains and Road Repairs</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>69,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>69,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>Net Cost</p> <p>69,000</p> <p>Amount to be Financed:</p> <p>Regional S. Surcharge</p> <p>Property Owners</p> <p>69,000</p> <p>Other</p> <p>TOTAL</p> <p>69,000</p>	Design		Land		Construction	69,000	Other		TOTAL	69,000	<p><u>Need for Project</u></p> <p><u>Additional Information</u></p>																														
Design																																										
Land																																										
Construction	69,000																																									
Other																																										
TOTAL	69,000																																									
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required</td><td>Received</td></tr><tr><td>Expenditures:</td><td>Other</td></tr><tr><td>Prior</td><td>Region</td><td>Contrib</td><td>Total</td></tr><tr><td>To Budget</td><td>69,000</td><td></td><td>69,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>69,000</td><td></td><td>69,000</td></tr></table>	O.M.B. Required	Received	Expenditures:	Other	Prior	Region	Contrib	Total	To Budget	69,000		69,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	69,000		69,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
O.M.B. Required	Received																																									
Expenditures:	Other																																									
Prior	Region	Contrib	Total																																							
To Budget	69,000		69,000																																							
1982																																										
1983																																										
1984																																										
1985																																										
1986																																										
1987 & After																																										
TOTAL	69,000		69,000																																							



FIVE YEAR CAPITAL BUDGET

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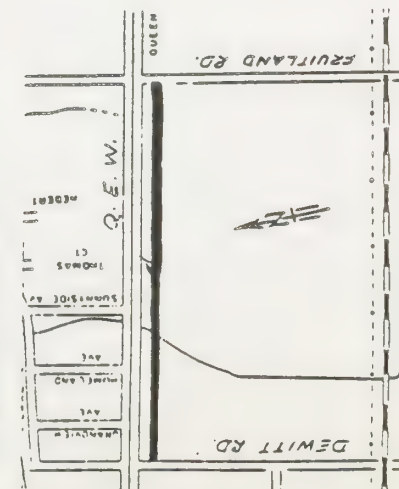
<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 36208A</p> <p>File Number:</p>	<p>Financial Report Page: 29</p> <p>Appendix Page:</p>																												
<p><u>Project Description</u></p> <p>Mountain Industrial Sewer, Western Connection - Construction (Sanitary)</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>212,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>212,000</td></tr></table> <table><tr><td>Subsidy M.O.E. & M.T.C. Contributions</td><td>26,000</td></tr><tr><td>TOTAL</td><td>26,000</td></tr></table> <table><tr><td>Net Cost</td><td>186,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional S. Surcharge</td><td>186,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>186,000</td></tr></table>	Design		Land		Construction	212,000	Other		TOTAL	212,000	Subsidy M.O.E. & M.T.C. Contributions	26,000	TOTAL	26,000	Net Cost	186,000	Regional S. Surcharge	186,000	Property Owners		Other		TOTAL	186,000	<p><u>Need for Project</u></p>				
Design																														
Land																														
Construction	212,000																													
Other																														
TOTAL	212,000																													
Subsidy M.O.E. & M.T.C. Contributions	26,000																													
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Regional S. Surcharge	186,000																													
Property Owners																														
Other																														
TOTAL	186,000																													
<p><u>Municipality</u></p> <p>Hamilton</p>		<p><u>Additional Information</u></p>																												
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required</td><td>Received</td></tr><tr><td>Expenditures:</td><td>Other</td></tr><tr><td>Prior</td><td>Region</td><td>Contrib</td><td>Total</td></tr><tr><td>To Budget</td><td>186,000</td><td>26,000</td><td>212,000</td></tr></table> <table><tr><td>1982</td><td></td></tr><tr><td>1983</td><td></td></tr><tr><td>1984</td><td></td></tr><tr><td>1985</td><td></td></tr><tr><td>1986</td><td></td></tr><tr><td>1987 & After</td><td></td></tr><tr><td>TOTAL</td><td>186,000</td><td>26,000</td><td>212,000</td></tr></table>	O.M.B. Required	Received	Expenditures:	Other	Prior	Region	Contrib	Total	To Budget	186,000	26,000	212,000	1982		1983		1984		1985		1986		1987 & After		TOTAL	186,000	26,000	212,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
O.M.B. Required	Received																													
Expenditures:	Other																													
Prior	Region	Contrib	Total																											
To Budget	186,000	26,000	212,000																											
1982																														
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1985																														
1986																														
1987 & After																														
TOTAL	186,000	26,000	212,000																											



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 37211</p> <p>File Number:</p>	<p>Financial Report Page: 30</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Q.E.W. Sanitary Trunk Sewer from DeWitt Road to Fruitland Road</p> <p>Sanitary Trunk Sewer - 60" Diameter in Tunnel</p> <p><u>Municipality</u></p> <p>Stoney Creek</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"><tr><td>Design Land Construction Other</td><td>800,000</td></tr><tr><td>TOTAL</td><td>800,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>136,000</td></tr><tr><td>TOTAL</td><td>136,000</td></tr><tr><td>Net Cost</td><td>136,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>664,000</td></tr><tr><td>TOTAL</td><td>664,000</td></tr></table>	Design Land Construction Other	800,000	TOTAL	800,000	Subsidy M.O.E. Contributions	136,000	TOTAL	136,000	Net Cost	136,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	664,000	TOTAL	664,000	<p><u>Need for Project</u></p> <p>To provide service to the land west of Fruitland Road, which has been approved for urbanization.</p> <p><u>Additional Information</u></p>																						
Design Land Construction Other	800,000																																					
TOTAL	800,000																																					
Subsidy M.O.E. Contributions	136,000																																					
TOTAL	136,000																																					
Net Cost	136,000																																					
Amount to be Financed: Regional S. Surcharge Property Owners Other	664,000																																					
TOTAL	664,000																																					
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>Received</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td>664,000</td><td>136,000</td><td>800,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>664,000</td><td>136,000</td><td>800,000</td></tr></tbody></table>	O.M.B. Required Expenditures:	Received	Other Contrib	Total	Prior To Budget	664,000	136,000	800,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	664,000	136,000	800,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
O.M.B. Required Expenditures:	Received	Other Contrib	Total																																			
Prior To Budget	664,000	136,000	800,000																																			
1982																																						
1983																																						
1984																																						
1985																																						
1986																																						
1987 & After																																						
TOTAL	664,000	136,000	800,000																																			



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 37210 File Number:	Financial Report Page: 30 Appendix Page:																																										
Project Description Ancaster Industrial Pumping Station and Force Main (H 13) - Engineering and Land Sanitary Sewage Pumping Station and Force Main Approximate Size - 20" Diameter Approximate Length - 18,000' Municipality Ancaster	Capital Cost Estimate <table border="1"><tr><td>Design Land</td><td>20,000</td></tr><tr><td>Construction Other</td><td>180,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>200,000</td></tr><tr><td>Amount to be Financed: Regional Property Owners Other</td><td>200,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr></table>	Design Land	20,000	Construction Other	180,000	TOTAL	200,000	Subsidy Contributions		TOTAL	NIL	Net Cost	200,000	Amount to be Financed: Regional Property Owners Other	200,000	TOTAL	200,000	Need for Project To service designated industrial lands between Town of Ancaster and Trinity Road, South of Hwy. #2. Additional Information																										
Design Land	20,000																																											
Construction Other	180,000																																											
TOTAL	200,000																																											
Subsidy Contributions																																												
TOTAL	NIL																																											
Net Cost	200,000																																											
Amount to be Financed: Regional Property Owners Other	200,000																																											
TOTAL	200,000																																											
Map to Locate Project 	Cash Flow <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Received Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td>170,000</td><td></td><td>170,000</td></tr><tr><td>1982</td><td>30,000</td><td></td><td>30,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>200,000</td><td></td><td>200,000</td></tr></tbody></table>	O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget	170,000		170,000	1982	30,000		30,000	1983				1984				1985				1986				1987 & After				TOTAL	200,000		200,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>6,400</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>6,400</td></tr></table>	Debt Charges	6,400	Annual Costs		TOTAL	6,400
O.M.B. Required Expenditures:	Region	Received Other Contrib	Total																																									
Prior To Budget	170,000		170,000																																									
1982	30,000		30,000																																									
1983																																												
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1986																																												
1987 & After																																												
TOTAL	200,000		200,000																																									
Debt Charges	6,400																																											
Annual Costs																																												
TOTAL	6,400																																											



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering
Function: Sewage Works

Project Description

Woodward Avenue Sewage Treatment Plant
Expansion - Phase II - Engineering
Extension to Chlorine Contact Chamber,
New Primary Clarifiers, New Degritting
Complex

Municipality

Hamilton

Project Number: 37226-B
File Number: 819-12

Financial Report Page: 30
Appendix Page:

Capital Cost Estimate

Design
Land
Construction
Other - Engineering
TOTAL

200,000
200,000

Subsidy M.O.E.
Contributions

25,000

TOTAL

25,000
175,000

Net Cost

Amount to be Financed:
Regional S. Surcharge
Property Owners
Other

175,000

TOTAL

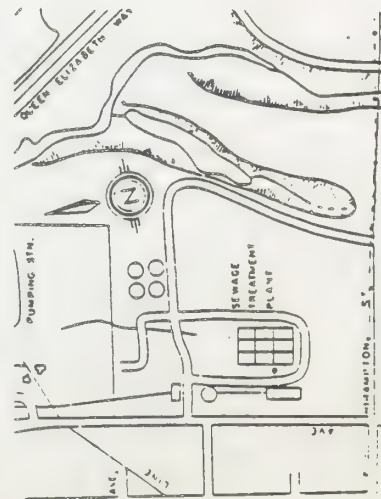
175,000

Need for Project

To maintain capacity at the treatment
plant.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required
Expenditures:

Prior
To Budget

Region

160,000

Other Contrib

40,000

TOTAL

160,000

15,000

25,000

40,000

1982
1983
1984
1985
1986
1987 & After

TOTAL

175,000

25,000

200,000

Effect on Current Budget

Debt Charges

3,100

Annual Costs

TOTAL

3,100



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 38230 File Number: 819-35	Financial Report Page: 30 Appendix Page:
Project Description Ricwil Steam System - Woodward Avenue Sewage Treatment Plant - Construction	Capital Cost Estimate Design Land Construction 360,000 Other TOTAL 360,000 Subsidy Contributions TOTAL NIL Net Cost 360,000 Amount to be Financed: Regional S. Surcharge 360,000 Property Owners Other TOTAL 360,000	Need for Project
Municipality Hamilton		Additional Information
Map to Locate Project	Cash Flow O.M.B. Required Received Expenditures: Prior Region Other To Budget 325,000 Contrib Total 1982 35,000 35,000 1983 1984 1985 1986 1987 & After TOTAL 360,000 360,000	Effect on Current Budget Debt Charges 7,500 Annual Costs TOTAL 7,500



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Treatment	Project Number: 38242 File Number:	Financial Report Page: 30 Appendix Page:
<u>Project Description</u> Hilton Street from Markland to Aberdeen Avenue - Sewer Reconstruction <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 40,000 Other TOTAL 40,000 Subsidy Contributions TOTAL NIL Net Cost 40,000 Amount to be Financed: Regional Property Owners 40,000 Other TOTAL 40,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior Region Other To Budget 40,000 Contrib Total 40,000 1982 1983 1984 1985 1986 1987 & After TOTAL 40,000 40,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 33240A</p> <p>File Number:</p>	<p>Financial Report Page: 30</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Mountain Industrial Trunk Sanitary Sewer - Rymal Road to 850 Metres Southerly - Construction</p> <p>Sub-Trunk Sanitary Sewer in Valley and Connection on Rymal Road</p> <p>Approximate Size - 760 mm Diameter</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land</td><td></td></tr><tr><td>Construction</td><td>370,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>370,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>70,000</p> <p>Net Cost</p> <p>70,000</p> <p>Amount to be Financed:</p> <p>Regional S. Surcharge</p> <p>Property Owners</p> <p>Other</p> <p>TOTAL</p> <p>70,000</p>	Design Land		Construction	370,000	Other		TOTAL	370,000	<p><u>Need for Project</u></p> <p>To provide service to lands south of Rymal Road in the Red Hill Creek tributary, east of C.N.R. Line.</p> <p><u>Additional Information</u></p>																												
Design Land																																						
Construction	370,000																																					
Other																																						
TOTAL	370,000																																					
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <table><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Received Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td>357,000</td><td></td><td>357,000</td></tr><tr><td>1982</td><td>13,000</td><td></td><td>13,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>370,000</td><td></td><td>370,000</td></tr></table>	O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget	357,000		357,000	1982	13,000		13,000	1983				1984				1985				1986				1987 & After				TOTAL	370,000		370,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>2,800</p> <p>Annual Costs</p> <p>2,800</p> <p>TOTAL</p>
O.M.B. Required Expenditures:	Region	Received Other Contrib	Total																																			
Prior To Budget	357,000		357,000																																			
1982	13,000		13,000																																			
1983																																						
1984																																						
1985																																						
1986																																						
1987 & After																																						
TOTAL	370,000		370,000																																			



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 39215 File Number:	Financial Report Page: 31 Appendix Page:
<u>Project Description</u> Jackson Street from John Street to Spring Street - Reconstruction <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 60,000 Other TOTAL 60,000 Subsidy Contributions TOTAL NIL Net Cost 60,000 Amount to be Financed: Regional Property Owners Other TOTAL 60,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior To Budget 1982 60,000 1983 1984 1985 1986 1987 & After TOTAL 60,000	<u>Effect on Current Budget</u> Debt Charges 12,800 Annual Costs TOTAL 12,800



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Department/Agency: Engineering Function: Sewage Works	Project Number: 39214 File Number:	Financial Report Page: 31 Appendix Page:
<u>Project Description</u> Charlton, Aurora, Forest Avenue and Wellington Street - Repairs	<u>Capital Cost Estimate</u> Design Land Construction Other 30,000 TOTAL 30,000 Subsidy Contributions TOTAL NIL Net Cost 30,000 Amount to be Financed: Regional Property Owners Other 30,000 TOTAL 30,000	<u>Need for Project</u>
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Other Prior Region Other To Budget 30,000 Contrib Total 30,000 1982 1983 1984 1985 1986 1987 & After TOTAL 30,000 30,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 39216 File Number:	Financial Report Page: 31 Appendix Page:
<u>Project Description</u> Young Street from James Street to Catharine <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 20,000 Other TOTAL 20,000 Subsidy Contributions TOTAL NIL Net Cost 20,000 Amount to be Financed: Regional Property Owners 20,000 Other TOTAL 20,000	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Other Prior Region Other To Budget 20,000 Total 20,000 1982 1983 1984 1985 1986 1987 & After TOTAL 20,000 20,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Sewage Works	Project Number: 39222 File Number:	Financial Report Page: 31 Appendix Page:
Project Description Q.E.W. Trunk Sewer from Fruitland Road to Jones Road - Engineering	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL 150,000 150,000 Subsidy Contributions TOTAL NIL Net Cost 150,000 Amount to be Financed: Regional Property Owners Other TOTAL 150,000	Need for Project
Municipality Stoney Creek		Additional Information
Map to Locate Project	Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 20,000 130,000 20,000 130,000 150,000	Effect on Current Budget Debt Charges Annual Costs TOTAL 27,900 27,900



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 37210A File Number:	Financial Report Page: 31 Appendix Page: A12																																
<u>Project Description</u> Ancaster Industrial Pumping Station and Force Main S-H13 - Construction <u>Municipality</u> Ancaster	<u>Capital Cost Estimate</u> Design Land Construction 2,800,000 Other TOTAL 2,800,000 Subsidy M.O.E. Contributions 300,000 TOTAL 300,000 Net Cost 2,500,000 Amount to be Financed: Regional Property Owners 2,500,000 Other TOTAL 2,500,000	<u>Need for Project</u> <u>Additional Information</u>																																
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>1,000,000</td><td></td><td>1,000,000</td></tr><tr><td>1983</td><td>1,500,000</td><td>300,000</td><td>1,800,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>2,500,000</td><td>300,000</td><td>2,800,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	1,000,000		1,000,000	1983	1,500,000	300,000	1,800,000	1984				1985				1986				1987 & After				TOTAL	2,500,000	300,000	2,800,000	<u>Effect on Current Budget</u> Debt Charges 536,700 Annual Costs TOTAL 536,700
Prior To Budget	Region	Other Contrib	Total																															
1982	1,000,000		1,000,000																															
1983	1,500,000	300,000	1,800,000																															
1984																																		
1985																																		
1986																																		
1987 & After																																		
TOTAL	2,500,000	300,000	2,800,000																															



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Department/Agency: Engineering
Function: Sewage Works

Project Description

Burton Street from Victoria Avenue to
Wentworth Street - Sewer Repairs
Combined Sewer Repairs

Municipality
Hamilton

Project Number: 30233
File Number: 802-31

Financial Report Page: 31
Appendix Page:

Capital Cost Estimate

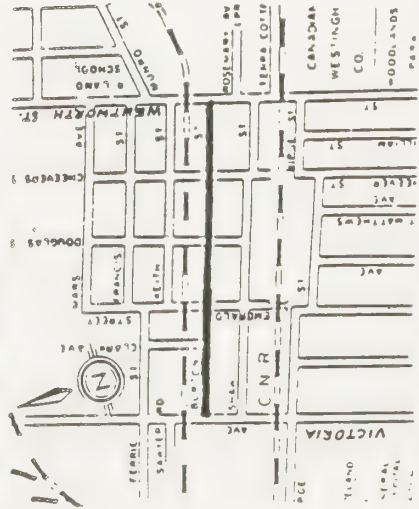
Design	
Land	
Construction	220,000
Other	
TOTAL	220,000
Subsidy MTC	
Contributions	158,000
TOTAL	158,000
Net Cost	62,000
Amount to be Financed:	
Regional S. Surcharge	62,000
Property Owners	
Other	
TOTAL	62,000

Need for Project

The existing combined sewer must be repaired in conjunction with the installation of new storm sewers and road reconstruction in 1980.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required	Received	
Expenditures:		
Prior	Region	Other
To Budget		Contrib
		Total
1982	62,000	73,000
1983		73,000
1984		
1985		
1986		
1987 & After		
TOTAL	62,000	158,000
		220,000

Effect on Current Budget

Debt Charges	13,300
Annual Costs	N/A
TOTAL	13,300



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Department/Agency: Engineering Function: Sewage Works	Project Number: 37210A File Number:	Financial Report Page: 31 Appendix Page: A12																																
<u>Project Description</u> Ancaster Industrial Pumping Station and Force Main S-H13 - Construction <u>Municipality</u> Ancaster	<u>Capital Cost Estimate</u> Design Land Construction 2,800,000 Other TOTAL 2,800,000 Subsidy M.O.E. Contributions 300,000 TOTAL 300,000 Net Cost 2,500,000 Amount to be Financed: Regional Property Owners 2,500,000 Other TOTAL 2,500,000	<u>Need for Project</u> <u>Additional Information</u>																																
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>1,000,000</td><td></td><td>1,000,000</td></tr><tr><td>1983</td><td>1,500,000</td><td>300,000</td><td>1,800,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>2,500,000</td><td>300,000</td><td>2,800,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	1,000,000		1,000,000	1983	1,500,000	300,000	1,800,000	1984				1985				1986				1987 & After				TOTAL	2,500,000	300,000	2,800,000	<u>Effect on Current Budget</u> Debt Charges 536,700 Annual Costs TOTAL 536,700
Prior To Budget	Region	Other Contrib	Total																															
1982	1,000,000		1,000,000																															
1983	1,500,000	300,000	1,800,000																															
1984																																		
1985																																		
1986																																		
1987 & After																																		
TOTAL	2,500,000	300,000	2,800,000																															



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering
Function: Sewage Works

Project Description

Burton Street from Victoria Avenue to
Wentworth Street - Sewer Repairs
Combined Sewer Repairs

Municipality
Hamilton

Project Number: 30233
File Number: 802-31

Financial Report Page: 31
Appendix Page:

Capital Cost Estimate

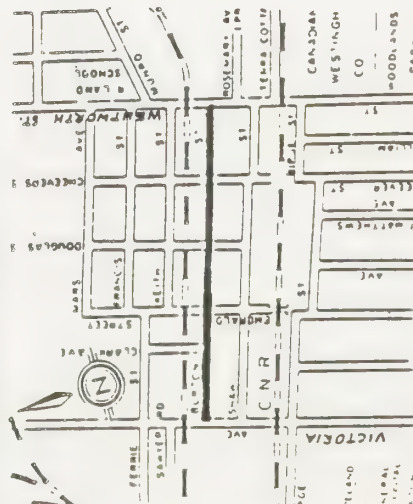
Design	
Land	
Construction	220,000
Other	
TOTAL	220,000
Subsidy MTC	
Contributions	158,000
TOTAL	158,000
Net Cost	62,000
Amount to be Financed:	
Regional S. Surcharge	62,000
Property Owners	
Other	
TOTAL	62,000

Need for Project

The existing combined sewer must be repaired in conjunction with the installation of new storm sewers and road reconstruction in 1980.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:	Received	Other Contrib	Total
Prior To Budget	62,000	73,000	73,000
1982		85,000	147,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	62,000	158,000	220,000

Effect on Current Budget

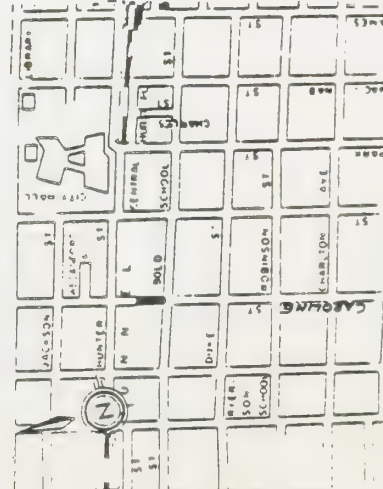
Debt Charges	13,300
Annual Costs	N/A
TOTAL	13,300



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 30207 File Number: 803-26	Financial Report Page: 32 Appendix Page:																																				
<u>Project Description</u> Caroline Street from Bold Street to 52 Metres Northerly - Sewer Reconstruction Replacement of Existing 300 mm Diameter Sewer <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>45,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>45,000</td></tr><tr><td>Subsidy MTC Contributions</td><td>15,000</td></tr><tr><td>TOTAL</td><td>15,000</td></tr><tr><td>Net Cost</td><td>30,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>30,000</td></tr><tr><td>TOTAL</td><td>30,000</td></tr></table>	Design		Land		Construction	45,000	Other		TOTAL	45,000	Subsidy MTC Contributions	15,000	TOTAL	15,000	Net Cost	30,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	30,000	TOTAL	30,000	<u>Need for Project</u> The existing combined sewer is insufficient in capacity and cannot be maintained properly. <u>Additional Information</u> The replacement must be done in conjunction with the planned road reconstruction and storm sewer installation in 1980.																
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<u>Map to Locate Project</u> 	<u>Cash Flow</u> <table border="1"><tr><td>O.M.B. Required Expenditures:</td><td>Region</td><td>Other Contrib</td><td>Total</td></tr><tr><td>Prior To Budget</td><td>30,000</td><td>5,000</td><td>35,000</td></tr><tr><td>1982</td><td></td><td>10,000</td><td>10,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>30,000</td><td>15,000</td><td>45,000</td></tr></table>	O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget	30,000	5,000	35,000	1982		10,000	10,000	1983				1984				1985				1986				1987 & After				TOTAL	30,000	15,000	45,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
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1987 & After																																						
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FIVE YEAR CAPITAL BUDGET

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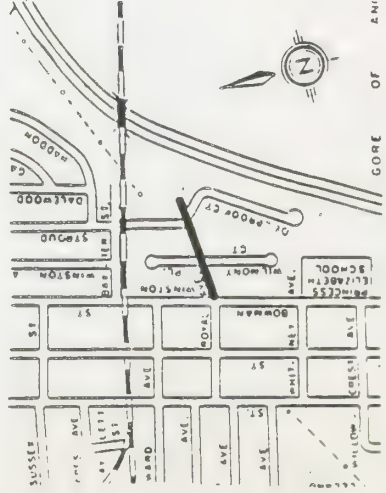
<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 30208</p> <p>File Number: 817-06</p>	<p>Financial Report Page: 32</p> <p>Appendix Page:</p>																																									
<p><u>Project Description</u></p> <p>Q.E.W. Sanitary Trunk Sewer from Fruitland Road to midway between Glover Road and McNeily Road - Construction</p> <p>Sanitary Trunk Sewer</p> <p>Approximate Size - 1500 to 1650 mm Diameter</p> <p>Approximate Length - 2350 Metres</p> <p><u>Municipality</u></p> <p>Stoney Creek</p>	<p><u>Capital Cost Estimate</u></p> <table style="width: 100%;"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>1,300,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,300,000</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Subsidy M.O.E. C.O.A.S.P. Contributions</td> <td>200,000</td> </tr> <tr> <td></td> <td>300,000</td> </tr> <tr> <td>TOTAL</td> <td>500,000</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Net Cost</td> <td>800,000</td> </tr> <tr> <td>TOTAL</td> <td>800,000</td> </tr> </table> <p>Amount to be Financed:</p> <table style="width: 100%;"> <tr> <td>Regional S. Surcharge</td> <td>800,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>800,000</td> </tr> </table>	Design		Land		Construction	1,300,000	Other		TOTAL	1,300,000	Subsidy M.O.E. C.O.A.S.P. Contributions	200,000		300,000	TOTAL	500,000	Net Cost	800,000	TOTAL	800,000	Regional S. Surcharge	800,000	Property Owners		Other		TOTAL	800,000	<p><u>Need for Project</u></p> <p>To continue the supply of industrial land in the Q.E.W. area.</p>	<p><u>Additional Information</u></p>												
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Land																																											
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<p><u>Map to Locate Project</u></p> 		<p><u>Cash Flow</u></p> <table style="width: 100%;"> <tr> <th>O.M.B. Required</th> <th>1981</th> <th>Other</th> <th>Total</th> </tr> <tr> <td colspan="4"><u>Expenditures:</u></td> </tr> <tr> <td>Prior To Budget</td> <td>10,000</td> <td></td> <td>10,000</td> </tr> <tr> <td>1982</td> <td>290,000</td> <td></td> <td>290,000</td> </tr> <tr> <td>1983</td> <td>500,000</td> <td>200,000</td> <td>700,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>800,000</td> <td>500,000</td> <td>1,300,000</td> </tr> </table>		O.M.B. Required	1981	Other	Total	<u>Expenditures:</u>				Prior To Budget	10,000		10,000	1982	290,000		290,000	1983	500,000	200,000	700,000	1984				1985				1986				1987 & After				TOTAL	800,000	500,000	1,300,000
O.M.B. Required	1981	Other	Total																																								
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FIVE YEAR CAPITAL BUDGET

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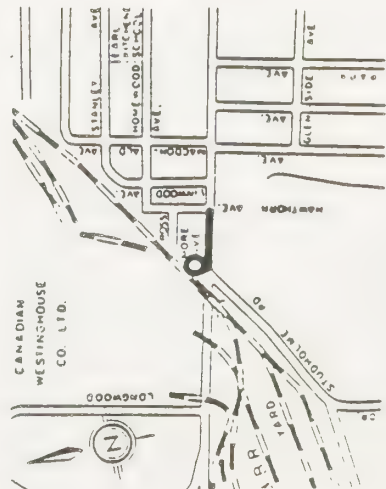
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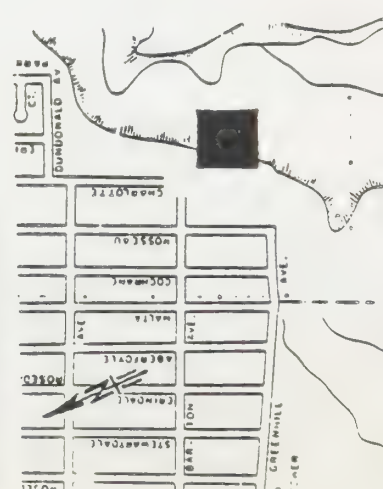
Department/Agency: Engineering Function: Sewage Works	Project Number: 30209 File Number: 818-08	Financial Report Page: 32 Appendix Page:																																	
<u>Project Description</u> Royal Avenue - Sanitary Trunk Sewer - Stage 1 Sanitary Trunk Sewer from near Stroud Road to Bowman Avenue Approximate Size - 910 mm Diameter	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design Land Construction Other</td><td>119,000</td></tr><tr><td>TOTAL</td><td>119,000</td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>Net Cost</td><td>119,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>119,000</td></tr><tr><td>TOTAL</td><td>119,000</td></tr></table>	Design Land Construction Other	119,000	TOTAL	119,000	Subsidy Contributions	NIL	Net Cost	119,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	119,000	TOTAL	119,000	<u>Need for Project</u> To intercept sanitary sewage originating from the separated sewer area above escarpment and thus reducing overflow to Cootes Paradise.																					
Design Land Construction Other	119,000																																		
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O.M.B. Required Received Expenditures:	Other Contrib	Total																																	
Prior To Budget	119,000	119,000																																	
1982																																			
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<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 30211</p> <p>File Number: 801-10</p>	<p>Financial Report Page: 32</p> <p>Appendix Page:</p>																																						
<p><u>Project Description</u></p> <p>Aberdeen Avenue Sewage Pumping Station and Associated Sewers</p> <p>Small Pumping Station, Gravity Sewer, and Force Main</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>150,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>150,000</td></tr></table> <p>Subsidy M.O.E. Contributions</p> <table><tr><td>20,000</td></tr><tr><td>TOTAL</td><td>20,000</td></tr></table> <p>Net Cost</p> <table><tr><td>130,000</td></tr><tr><td>TOTAL</td><td>130,000</td></tr></table> <p>Amount to be Financed: Regional S. Surcharge Property Owners Other</p> <table><tr><td>130,000</td></tr><tr><td>TOTAL</td><td>130,000</td></tr></table>	Design		Land	150,000	Construction		Other		TOTAL	150,000	20,000	TOTAL	20,000	130,000	TOTAL	130,000	130,000	TOTAL	130,000	<p><u>Need for Project</u></p> <p>The sanitary sewage from a few houses cannot be intercepted with the present system.</p>																			
Design																																								
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Prior To Budget	Region	Other Contrib	Total																																					
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<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 30215</p> <p>File Number:</p>	<p>Financial Report Page: 32</p> <p>Appendix Page:</p>																															
<p><u>Project Description</u></p> <p>Greenhill Avenue - Storage - Treatment Basin - Engineering and Land</p> <p>90 Million Litres partially covered Storage Tank and Settling Basin</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land</td> <td>50,000</td> </tr> <tr> <td>Construction</td> <td>170,000</td> </tr> <tr> <td>Other</td> <td>220,000</td> </tr> <tr> <td>TOTAL</td> <td>220,000</td> </tr> </table> <p>Subsidy Contributions</p> <table border="1"> <tr> <td></td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>220,000</td> </tr> </table> <p>Net Cost</p> <table border="1"> <tr> <td></td> <td>220,000</td> </tr> <tr> <td>TOTAL</td> <td>220,000</td> </tr> </table> <p>Amount to be Financed:</p> <table border="1"> <tr> <td>Regional S. Surcharge</td> <td>220,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>220,000</td> </tr> </table>	Design Land	50,000	Construction	170,000	Other	220,000	TOTAL	220,000		NIL	TOTAL	220,000		220,000	TOTAL	220,000	Regional S. Surcharge	220,000	Property Owners		Other		TOTAL	220,000	<p><u>Need for Project</u></p> <p>To reduce pollution in Red Hill Creek and Burlington Bay by controlling overflow from a combined trunk sewer.</p>							
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<p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Additional Information</u></p>	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>47,200</td> </tr> <tr> <td>Annual Costs</td> <td>N/A</td> </tr> <tr> <td>TOTAL</td> <td>47,200</td> </tr> </table>	Debt Charges	47,200	Annual Costs	N/A	TOTAL	47,200																									
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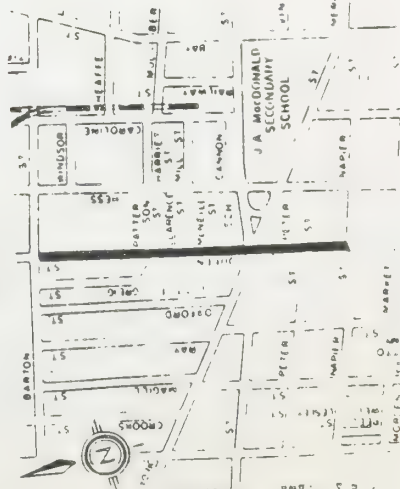
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Department/Agency: Engineering Function: Sewage Works	Project Number: 31210 File Number:	Financial Report Page: 32 Appendix Page:
Project Description Locke Street from Peter Street to Florence Street - Sanitary Sewer - Hamilton Local Sanitary Sewer - 250 mm Diameter, Approximate Length - 80 Metres Municipality Hamilton	Capital Cost Estimate Design Land Construction Other 22,000 TOTAL 22,000 Subsidy Contributions NIL TOTAL NIL Net Cost 22,000 Amount to be Financed: Regional S. Surcharge Property Owners Other 22,000 TOTAL 22,000	Need for Project The new sanitary sewer must be installed as replacement for the existing substandard drains in conjunction with the planned road reconstruction and storm sewer installation in 1981. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior Region Other To Budget 11,000 Contrib 11,000 1982 11,000 1983 1984 1985 1986 1987 & After TOTAL 22,000 22,000	Effect on Current Budget Debt Charges 2,400 Annual Costs 200 TOTAL 2,600



FIVE YEAR CAPITAL BUDGET

1982 - 1986

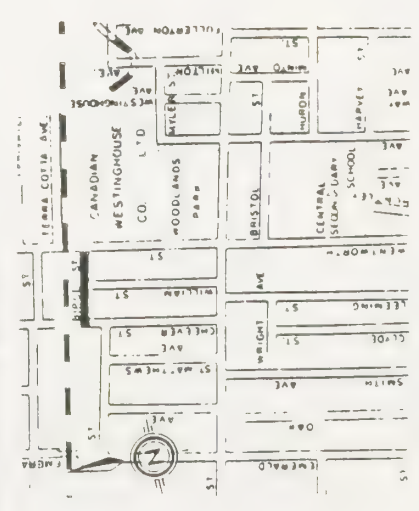
Department/Agency: Engineering Function: Sewage Works	Project Number: 31211 File Number:	Financial Report Page: 33 Appendix Page:
Project Description Queen Street from Barton to Napier - Sewer Reconstruction - Hamilton Installation of New Sanitary Sewer Approximate Size - 250 to 375 mm Diameter Approximate Length - 650 m	Capital Cost Estimate Design Land Construction Other 300,000 Subsidy Contributions NIL Net Cost TOTAL NIL Amount to be Financed: Regional S. Surcharge 300,000 Property Owners Other 300,000 TOTAL	Need for Project The existing combined sewer has failed structurally and it may collapse. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior To Budget 4,000 1982 296,000 1983 1984 1985 1986 1987 & After TOTAL 300,000	Effect on Current Budget Debt Charges 63,500 Annual Costs 1,300 TOTAL 64,800



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 31212 File Number:	Financial Report Page: 33 Appendix Page:
Project Description Birge Street from Wentworth Street to Cheever Street - Sewer Repairs - Hamilton Combined Sewer Repairs	Capital Cost Estimate Design 75,000 Land Construction Other TOTAL 75,000 Subsidy Contributions TOTAL Net Cost 75,000 Amount to be Financed: Regional S. Surcharge 75,000 Property Owners Other TOTAL 75,000	Need for Project The existing combined sewer must be repaired in conjunction with the installation of new storm sewer and road reconstruction in 1981.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior To Budget 1982 64,000 1983 11,000 1984 1985 1986 1987 & After TOTAL 75,000	Effect on Current Budget Debt Charges 2,400 Annual Costs N/A TOTAL 2,400



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sanitary Sewers	Project Number: 31215 File Number:	Financial Report Page: 33 Appendix Page: 49
<u>Project Description</u> Woodward Avenue Sewage Treatment Plant - Sludge Disposal - Engineering	<u>Capital Cost Estimate</u> Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	<u>Need for Project</u> To achieve sufficient capacity to process the quantity of sludge presently captured and to provide additional capacity for future growth.
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior Region Other To Budget Contrib Total 1982 1,100,000 1,100,000 1983 1984 1985 1986 1987 & After TOTAL 1,100,000 1,100,000	<u>Effect on Current Budget</u> Debt Charges 236,100 Annual Costs TOTAL 236,100

Department/Agency: Engineering
Function: Sewage Works

Project Description

Woodward Avenue Sewage Treatment Plant
- Ashline Construction - Hamilton
Add a Second Ashline to transport
Incinerator Ash to Disposal Facility

Municipality

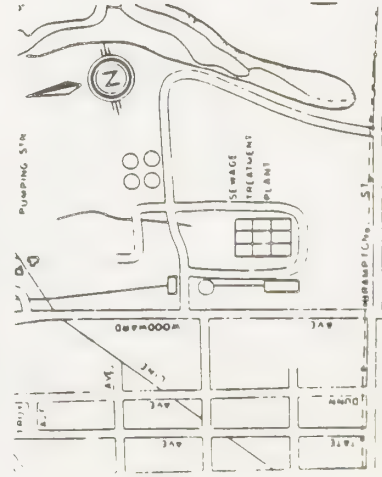
Hamilton

Project Number: 31216
File Number:

Capital Cost Estimate

Design	
Land	275,000
Construction	
Other	
TOTAL	275,000
Subsidy	
Contributions	NIL
TOTAL	
Net Cost	275,000
Amount to be Financed:	
Regional S. Surcharge	275,000
Property Owners	
Other	
TOTAL	275,000

Map to Locate Project



Cash Flow

O.M.B. Required 1981

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982	275,000		275,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	275,000		275,000

Financial Report Page: 33
Appendix Page:

Need for Project

The existing line requires repairs to extend the life of the facility. This can only be done after a second line has been added.

Additional Information

Effect on Current Budget

Debt Charges	59,000
Annual Costs	N/A
TOTAL	59,000



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 32220 File Number:	Financial Report Page: 33 Appendix Page: A9
<u>Project Description</u> Woodward Avenue - S.T.P. - Chlorination Addition of Chlorination Equipment	<u>Capital Cost Estimate</u> Design Land Construction Other 70,000 TOTAL 70,000 Subsidy C.O.A.S.P. Contributions 8,000 TOTAL 8,000 Net Cost 62,000 Amount to be Financed: Regional S. Surcharge Property Owners Other 62,000 TOTAL 62,000	<u>Need for Project</u> To assure the bacteria kill for present flow.
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1981 Expenditures: Prior To Budget Region Other Contrib Total 1982 62,000 8,000 70,000 1983 1984 1985 1986 1987 & After TOTAL 62,000 8,000 70,000	<u>Effect on Current Budget</u> Debt Charges 13,300 Annual Costs N/A TOTAL 13,300



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 32219</p> <p>File Number:</p>	<p>Financial Report Page: 33</p> <p>Appendix Page: A4</p>																																										
<p><u>Project Description</u></p> <p>Pipe Street from Chestnut Avenue to Sherman Avenue - Reconstruction of Sewers</p> <p>Local Sanitary Sewer - 250 mm Diameter, Private Drains and Pavement Restoration</p> <p>Approximate Length - 135 Metres</p> <p><u>Municipality</u></p> <p>Hamilton</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>65,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>65,000</td></tr></table> <p>Subsidy Contributions</p> <table border="1"><tr><td></td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr></table> <p>Net Cost</p> <table border="1"><tr><td></td><td>65,000</td></tr></table> <p>Amount to be Financed:</p> <table border="1"><tr><td>Regional S. Surcharge</td><td>65,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>65,000</td></tr></table>	Design		Land		Construction	65,000	Other		TOTAL	65,000		NIL	TOTAL	NIL		65,000	Regional S. Surcharge	65,000	Property Owners		Other		TOTAL	65,000	<p><u>Need for Project</u></p> <p>Required to replace overloaded combined sewers and to correct local deficiencies.</p> <p><u>Additional Information</u></p>																		
Design																																												
Land																																												
Construction	65,000																																											
Other																																												
TOTAL	65,000																																											
	NIL																																											
TOTAL	NIL																																											
	65,000																																											
Regional S. Surcharge	65,000																																											
Property Owners																																												
Other																																												
TOTAL	65,000																																											
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table border="1"><tr><th>O.M.B. Required Expenditures:</th><th>1982</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>65,000</td><td></td><td>65,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>65,000</td><td></td><td>65,000</td></tr></table>	O.M.B. Required Expenditures:	1982	Other Contrib	Total	Prior To Budget				1982	65,000		65,000	1983				1984				1985				1986				1987 & After				TOTAL	65,000		65,000	<p><u>Effect on Current Budget</u></p> <table border="1"><tr><td>Debt Charges</td><td>13,500</td></tr><tr><td>Annual Costs</td><td>300</td></tr><tr><td>TOTAL</td><td>13,800</td></tr></table>	Debt Charges	13,500	Annual Costs	300	TOTAL	13,800
O.M.B. Required Expenditures:	1982	Other Contrib	Total																																									
Prior To Budget																																												
1982	65,000		65,000																																									
1983																																												
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TOTAL	65,000		65,000																																									
Debt Charges	13,500																																											
Annual Costs	300																																											
TOTAL	13,800																																											



FIVE YEAR CAPITAL BUDGET
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Department/Agency: Engineering Function: Sewage Works	Project Number: 32223 File Number:	Financial Report Page: 34 Appendix Page: A4
<u>Project Description</u> Pleasant Avenue from King's Gage to Edenbridge Court Relief Sanitary Sewer - Dundas Sanitary Sewer Approximate Size - 250 mm Diameter Approximate Length - 275 m <u>Municipality</u> Dundas	<u>Capital Cost Estimate</u> Design Land Construction Other 200,000 200,000 TOTAL Subsidy Contributions NIL TOTAL Net Cost 200,000 Amount to be Financed: Regional S. Surcharge Property Owners 200,000 Other TOTAL 200,000	<u>Need for Project</u> To reduce basement flooding in the area caused by excessive infiltration of storm and ground water through existing private sanitary drains to the municipal sanitary sewers. <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1982 Expenditures: Prior To Budget 1982 200,000 1983 1984 1985 1986 1987 & After TOTAL 200,000	<u>Effect on Current Budget</u> Debt Charges 42,900 Annual Costs 600 TOTAL 43,500



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 32225 File Number:	Financial Report Page: 34 Appendix Page: A4																																							
<u>Project Description</u> MacNab Street from York Boulevard (formerly Merrick Street) to Barton Street - Sanitary Sewer Sanitary Sewer - 900 mm Diameter Approximate Length - 620 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>590,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>590,000</td></tr><tr><td>Subsidy</td><td>NIL</td></tr><tr><td>Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>590,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional S. Surcharge</td><td>590,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>590,000</td></tr></table>	Design	590,000	Land		Construction		Other		TOTAL	590,000	Subsidy	NIL	Contributions		TOTAL	NIL	Net Cost	590,000	Amount to be Financed:		Regional S. Surcharge	590,000	Property Owners		Other		TOTAL	590,000	<u>Need for Project</u> The proposed sewer is required to complete the connection of the existing sanitary sewers on York Boulevard to sanitary trunk sewer on Barton Street for direct conveyance of sewage to the treatment plant. <u>Additional Information</u>											
Design	590,000																																								
Land																																									
Construction																																									
Other																																									
TOTAL	590,000																																								
Subsidy	NIL																																								
Contributions																																									
TOTAL	NIL																																								
Net Cost	590,000																																								
Amount to be Financed:																																									
Regional S. Surcharge	590,000																																								
Property Owners																																									
Other																																									
TOTAL	590,000																																								
<u>Map to Locate Project</u>	<u>Cash Flow</u> <table border="1"><tr><td>O.M.B. Required</td><td>1982</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior</td><td></td><td></td></tr><tr><td>To Budget</td><td></td><td></td></tr><tr><td>1982</td><td>590,000</td><td>590,000</td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td></tr><tr><td>TOTAL</td><td>590,000</td><td>590,000</td></tr></table>	O.M.B. Required	1982		Expenditures:			Prior			To Budget			1982	590,000	590,000	1983			1984			1985			1986			1987 & After			TOTAL	590,000	590,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>126,600</td></tr><tr><td>Annual Costs</td><td>1,200</td></tr><tr><td>TOTAL</td><td>127,800</td></tr></table>	Debt Charges	126,600	Annual Costs	1,200	TOTAL	127,800
O.M.B. Required	1982																																								
Expenditures:																																									
Prior																																									
To Budget																																									
1982	590,000	590,000																																							
1983																																									
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Annual Costs	1,200																																								
TOTAL	127,800																																								



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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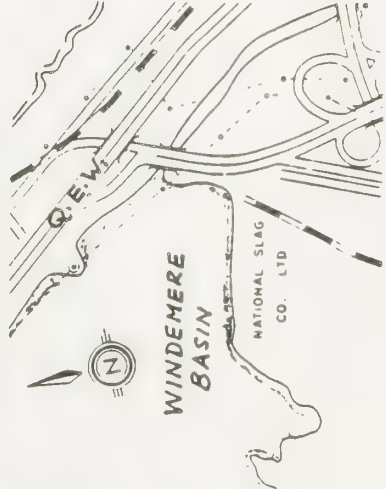
Department/Agency: Engineering Function: Sewage Works	Project Number: 32226 File Number:	Financial Report Page: 34 Appendix Page: A4																										
<u>Project Description</u> Hess Street from Barton Street to Stuart Street - Sanitary Sewer Installation of New Sanitary Sewer Approximate Size - 300 to 375 mm Diameter Approximate Length - 215 m <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design Land</td><td>90,000</td></tr><tr><td>Construction Other</td><td>90,000</td></tr><tr><td>TOTAL</td><td></td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>90,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>90,000</td></tr><tr><td>TOTAL</td><td>90,000</td></tr></table>	Design Land	90,000	Construction Other	90,000	TOTAL		Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	90,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	90,000	TOTAL	90,000	<u>Need for Project</u> The existing combined sewer has failed structurally and it must be replaced in conjunction with road reconstruction in 1982. <u>Additional Information</u>										
Design Land	90,000																											
Construction Other	90,000																											
TOTAL																												
Subsidy Contributions	NIL																											
TOTAL	NIL																											
Net Cost	90,000																											
Amount to be Financed: Regional S. Surcharge Property Owners Other	90,000																											
TOTAL	90,000																											
<u>Map to Locate Project</u>	<u>Cash Flow</u> <table border="1"><tr><td>O.M.B. Required</td><td>1982</td></tr><tr><td>Expenditures:</td><td></td></tr><tr><td>Prior To Budget</td><td></td></tr><tr><td>1982</td><td>90,000</td></tr><tr><td>1983</td><td></td></tr><tr><td>1984</td><td></td></tr><tr><td>1985</td><td></td></tr><tr><td>1986</td><td></td></tr><tr><td>1987 & After</td><td></td></tr><tr><td>TOTAL</td><td>90,000</td></tr></table>	O.M.B. Required	1982	Expenditures:		Prior To Budget		1982	90,000	1983		1984		1985		1986		1987 & After		TOTAL	90,000	<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>19,300</td></tr><tr><td>Annual Costs</td><td>400</td></tr><tr><td>TOTAL</td><td>19,700</td></tr></table>	Debt Charges	19,300	Annual Costs	400	TOTAL	19,700
O.M.B. Required	1982																											
Expenditures:																												
Prior To Budget																												
1982	90,000																											
1983																												
1984																												
1985																												
1986																												
1987 & After																												
TOTAL	90,000																											
Debt Charges	19,300																											
Annual Costs	400																											
TOTAL	19,700																											



FIVE YEAR CAPITAL BUDGET

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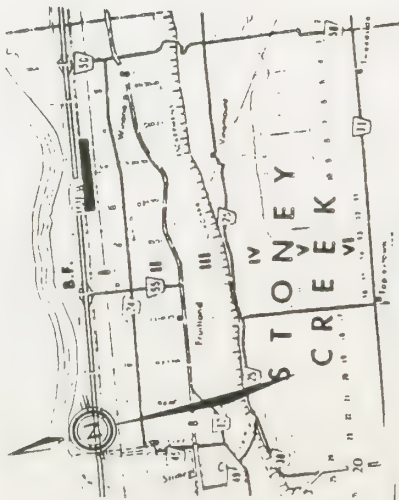
Department/Agency: Engineering Function: Sewage Works	Project Number: 30219 File Number:	Financial Report Page: 34 Appendix Page: A9									
Project Description Windmere Basin Improvements Clean up Windermere Basin	Capital Cost Estimate Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL	Need for Project Directed by Council in Item 53 of the 14th Report of E.S.C. adopted by Council on 78 08 15.									
Municipality Hamilton	Cash Flow O.M.B. Required 1982 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Additional Information									
Map to Locate Project 	<table border="1"><thead><tr><th>Region</th><th>Contrib</th><th>Total</th></tr></thead><tbody><tr><td>300,000</td><td>4,700,000</td><td>5,000,000</td></tr><tr><td>300,000</td><td>4,700,000</td><td>5,000,000</td></tr></tbody></table>	Region	Contrib	Total	300,000	4,700,000	5,000,000	300,000	4,700,000	5,000,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
Region	Contrib	Total									
300,000	4,700,000	5,000,000									
300,000	4,700,000	5,000,000									



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 32224 File Number:	Financial Report Page: 34 Appendix Page:
<u>Project Description</u> South Service Road from Glover Road to Lewis Road Sanitary Trunk Sewer - Stoney Creek Sanitary Sewer Approximate Length - 1600 m <u>Municipality</u> Stoney Creek	<u>Capital Cost Estimate</u> Design Land Construction Other 2,100,000 2,100,000 TOTAL Subsidy C.O.A.S.P. Contributions 350,000 TOTAL 350,000 Net Cost 1,750,000 Amount to be Financed: Regional S. Surcharge 1,490,000 Property Owners 260,000 Other TOTAL 1,750,000	<u>Need for Project</u> To provide service to industrial land and also provide an outlet for Winona Sewers. <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1982 Expenditures: Prior To Budget 1982 300,000 1983 1,190,000 1984 610,000 1985 300,000 1986 1,800,000 1987 & After TOTAL 1,490,000 610,000 2,100,000	<u>Effect on Current Budget</u> Debt Charges 319,800 Annual Costs 3,000 TOTAL 322,800



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Department/Agency: Engineering Function: Sewage Works	Project Number: 32227 File Number:	Financial Report Page: 34 Appendix Page: A9
<u>Project Description</u> Woodward Avenue Sewage Treatment Plant - Solids Handling - Hamilton 4-Belt Filter Presses, Incinerator/ Dryer, Conveyers, Storage Tank, Modification to M.H.F. Phosphor Removal <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy M.O.F. Contributions C.F. TOTAL Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1982 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Sewage Works	Project Number: 33206 File Number:	Financial Report Page: 35 Appendix Page: A5
Project Description Gray's Road from King Street to Collegiate Avenue - Sanitary Relief Sewer - Stoney Creek Sanitary Relief Sewer, Approximate Size - 250mm Diameter Approximate Length - 235m Municipality Stoney Creek	Capital Cost Estimate Design Land Construction Other 170,000 TOTAL 170,000 Subsidy Contributions NIL TOTAL NIL Net Cost 170,000 Amount to be Financed: Regional S. Surcharge 170,000 Property Owners Other TOTAL 170,000	Need for Project The new sanitary sewer is required to relieve the existing 8" diameter sanitary sewer on Gray's Road, which is overloaded. Additional Information
Map to Locate Project	Cash Flow O.M.B. Required 1983 Expenditures: Region Other Contrib Total Prior To Budget 1982 170,000 170,000 1983 1984 1985 1986 1987 & After TOTAL 170,000 170,000	Effect on Current Budget Debt Charges 36,500 Annual Costs 400 TOTAL 36,900



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Department/Agency: Engineering Function: Sewage Works	Project Number: 32222 File Number:	Financial Report Page: 35 Appendix Page: A12
Project Description Clappison's Corners, Trunk Sanitary Sewer - Engineering and Land Trunk Sanitary Sewer to cross Escarpment	Capital Cost Estimate Design Land Construction Other (Engineering & Land) 300,000 TOTAL 300,000 Subsidy Contributions NIL TOTAL NIL Net Cost 300,000 Amount to be Financed: Regional S. Surcharge 300,000 Property Owners Other TOTAL 300,000	Need for Project To provide an outlet for future servicing of Clappison's Corners area.
Municipality Dundas Flamborough	Cash Flow O.M.B. Required 1983 Expenditures: Region Other Contrib Total Prior To Budget 1982 150,000 1983 150,000 1984 150,000 1985 1986 1987 & After TOTAL 300,000 300,000	Additional Information
Map to Locate Project 	Effect on Current Budget Debt Charges 64,400 Annual Costs N/A TOTAL 64,400	



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Department/Agency: Engineering Function: Sewage Works	Project Number: 33209 File Number:	Financial Report Page: 35 Appendix Page: A9
Project Description Computer Control - Woodward Avenue Sewage Treatment Plant - Hamilton Upgrading and Repairing of the Existing Control System Municipality Hamilton	Capital Cost Estimate Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL	Need for Project To replace obsolete equipment and to reduce manpower requirements. Additional Information
Map to Locate Project	Cash Flow O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering Function: Sewage Works	Project Number: 34218 File Number:	Financial Report Page: 36 Appendix Page: A4
Project Description East Street Area - Dundas Reconstruction of Local Sanitary Sewer Approximate Size - 250 to 380mm Diameter Approximate Length - 450 Metres Municipality Dundas	Capital Cost Estimate Design Land Construction Other 230,000 TOTAL 230,000 Subsidy Contributions NIL TOTAL NIL Net Cost 230,000 Amount to be Financed: Regional S. Surcharge 230,000 Property Owners Other TOTAL 230,000	Need for Project To replace overloaded sanitary sewers. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1984 Expenditures: Prior To Budget 1982 1983 1984 230,000 1985 1986 1987 & After TOTAL 230,000 Other Contrib Total 230,000 230,000	Effect on Current Budget Debt Charges 49,400 Annual Costs 1,000 TOTAL 50,400

FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering
Function: Sewage Works

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Appendix Page: A4

Project Description

Pumping Station S-W5, Rockcliffe -
Engineering and Land
Sanitary Sewage Pumping Station and
Forcemain

Capital Cost Estimate

Design	30,000
Construction	50,000
Other Engineering	80,000
TOTAL	160,000
Subsidy Contributions	NIL
TOTAL	NIL
Net Cost	80,000
Amount to be Financed: Regional S. Surcharge Property Owners Other	80,000
TOTAL	80,000

Need for Project

To service existing Rockcliffe area
and eliminate pollution.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required	1984	Other	Total
Expenditures:		Contrib	
Prior To Budget			
1982			
1983			
1984	30,000		30,000
1985	50,000		50,000
1986			
1987 & After			
TOTAL	80,000		80,000

Effect on Current Budget

Debt Charges	17,200
Annual Costs	N/A
TOTAL	17,200



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Department/Agency: Engineering Function: Sewage Works	Project Number: 34203 File Number:	Financial Report Page: 36 Appendix Page: A4																																						
<u>Project Description</u> Sewage Pumping Station H16 - East Street, Winona - Forcemain and Gravity Sewer, Stoney Creek Local Sanitary Sewage Pumping Station, Forcemain and Gravity Sewer on Easement and Winona Road <u>Municipality</u> Stoney Creek	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>850,000</td> </tr> <tr> <td>TOTAL</td> <td>850,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> <tr> <td>Net Cost</td> <td>850,000</td> </tr> <tr> <td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td> <td>800,000 50,000</td> </tr> <tr> <td>TOTAL</td> <td>850,000</td> </tr> </table>	Design Land Construction Other	850,000	TOTAL	850,000	Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	850,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	800,000 50,000	TOTAL	850,000	<u>Need for Project</u> To provide an outlet for local sewers.																								
Design Land Construction Other	850,000																																							
TOTAL	850,000																																							
Subsidy Contributions	NIL																																							
TOTAL	NIL																																							
Net Cost	850,000																																							
Amount to be Financed: Regional S. Surcharge Property Owners Other	800,000 50,000																																							
TOTAL	850,000																																							
<u>Map to Locate Project</u> 		<u>Additional Information</u>																																						
<u>Cash Flow</u> O.M.B. Required 1985 <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td>50,000</td> <td></td> <td>50,000</td> </tr> <tr> <td>1986</td> <td>750,000</td> <td>50,000</td> <td>800,000</td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>800,000</td> <td>50,000</td> <td>850,000</td> </tr> </tbody> </table>		Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985	50,000		50,000	1986	750,000	50,000	800,000	1987 & After				TOTAL	800,000	50,000	850,000	<u>Effect on Current Budget</u> <table border="1"> <tr> <td>Debt Charges</td> <td>171,700</td> </tr> <tr> <td>Annual Costs</td> <td>5,000</td> </tr> <tr> <td>TOTAL</td> <td>176,700</td> </tr> </table>	Debt Charges	171,700	Annual Costs	5,000	TOTAL	176,700
Prior To Budget	Region	Other Contrib	Total																																					
1982																																								
1983																																								
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1985	50,000		50,000																																					
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

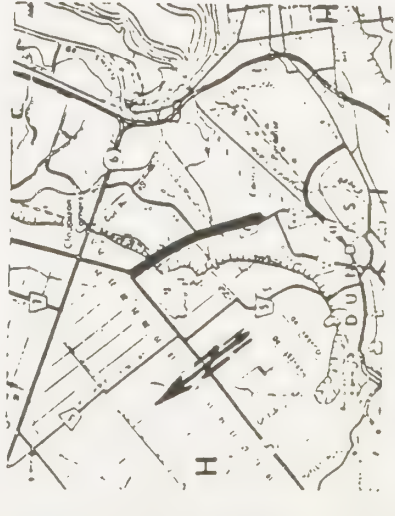
165

Department/Agency: Engineering Function: Sewage Works	Project Number: 33201 File Number:	Financial Report Page: 36 Appendix Page: A15
<u>Project Description</u> Iona Sanitary Trunk Sewer - Engineering Engineering for 900 mm Diameter Sanitary Trunk Sewer	<u>Capital Cost Estimate</u> Design Land Construction Other Engineering TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL	<u>Need for Project</u> To provide capacity for growth above the escarpment, west of Scenic Drive.
<u>Municipality</u> Hamilton		<u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL Region Contrib Total 50,000 50,000 50,000 50,000 100,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL 21,500 21,500



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Sewage Works	Project Number: 32222 A File Number:	Financial Report Page: 36 Appendix Page: A12
<u>Project Description</u> Clappison's Corners - Trunk Sanitary Sewer - Construction Trunk Sanitary Sewer	<u>Capital Cost Estimate</u> Design Land Construction Other 3,900,000 TOTAL 3,900,000 Subsidy M.O.E. Contributions 500,000 TOTAL 500,000 Net Cost 3,400,000 Amount to be Financed: Regional S. Surcharge 3,400,000 Property Owners Other TOTAL 3,400,000	<u>Need for Project</u> To provide an outlet for future servicing of Clappison's Corners area.
<u>Municipality</u> Dundas, Flamborough		<u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 100,000 1986 3,300,000 1987 & After 500,000 TOTAL 3,400,000	<u>Effect on Current Budget</u> Debt Charges 729,800 Annual Costs 8,000 TOTAL 737,800



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: File Number:	Financial Report Page: 37 Appendix Page: A14																																										
Project Description Shaw Street, Cheever Street and Connection on Emerald Street - Sanitary Sewers Local Sanitary Sewers Approximate Size - 300 to 375mm Diameter Approximate Length - 400m Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>180,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>180,000</td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>180,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>180,000</td></tr><tr><td>TOTAL</td><td>180,000</td></tr></table>	Design		Land	180,000	Construction		Other		TOTAL	180,000	Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	180,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	180,000	TOTAL	180,000	Need for Project The new sanitary sewers must be installed as replacement of the existing substandard combined sewers for servicing the industrial area and for eliminating the old 9" diameter sewer on Emerald Street under the C.N.R. tracks which can no longer be maintained properly. Additional Information																						
Design																																												
Land	180,000																																											
Construction																																												
Other																																												
TOTAL	180,000																																											
Subsidy Contributions	NIL																																											
TOTAL	NIL																																											
Net Cost	180,000																																											
Amount to be Financed: Regional S. Surcharge Property Owners Other	180,000																																											
TOTAL	180,000																																											
Map to Locate Project	Cash Flow O.M.B. Required 1986 Expenditures: <table border="1"><thead><tr><th></th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td>180,000</td><td></td><td>180,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>180,000</td><td></td><td>180,000</td></tr></tbody></table>		Region	Other Contrib	Total	Prior To Budget				1982				1983				1984				1985				1986	180,000		180,000	1987 & After				TOTAL	180,000		180,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>38,600</td></tr><tr><td>Annual Costs</td><td>800</td></tr><tr><td>TOTAL</td><td>39,400</td></tr></table>	Debt Charges	38,600	Annual Costs	800	TOTAL	39,400
	Region	Other Contrib	Total																																									
Prior To Budget																																												
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

168

Department/Agency: Engineering
Function: Sewage Works

Project Number: 36202
File Number:

Financial Report Page: 37
Appendix Page: A14

Project Description

Catharine Street from King Street to
Cannon Street - Sewer Reconstruction
Installation of New Sanitary Sewer
Approximate Size - 600mm Diameter
Approximate Length - 500m

Municipality

Hamilton

Capital Cost Estimate

Design	
Land	
Construction	230,000
Other	
TOTAL	230,000
Subsidy	
Contributions	NIL
TOTAL	NIL
Net Cost	230,000
Amount to be Financed:	
Regional S. Surcharge	230,000
Property Owners	
Other	
TOTAL	230,000

Need for Project

The existing combined sewer has failed structurally and it must be replaced in conjunction with road reconstruction.

Additional Information

Map to Locate Project

Cash Flow

O.M.B. Required	1986	
Expenditures:		Other
Prior	Region	Contrib
To Budget		Total
1982		
1983		
1984		
1985		
1986	230,000	230,000
1987 & After		
TOTAL	230,000	230,000

Effect on Current Budget

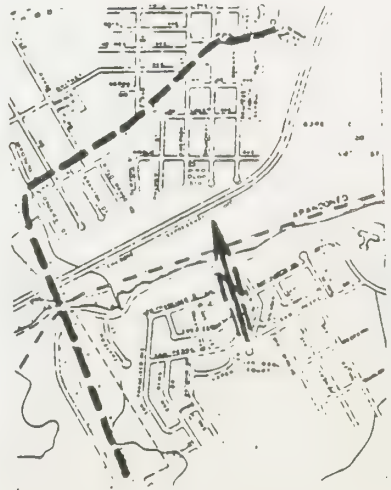
Debt Charges	49,400
Annual Costs	1,000
TOTAL	50,400



FIVE YEAR CAPITAL BUDGET

1982 - 1986

169

Department/Agency: Engineering Function: Sewage Works	Project Number: 33201 A File Number:	Financial Report Page: 37 Appendix Page: A15
Project Description Iona Sanitary Trunk Sewer - Construction Trunk Sanitary Sewer - 900mm Diameter Municipality Hamilton	Capital Cost Estimate Design Land Construction Other Subsidy M.O.E. Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL	Need for Project To provide capacity for growth above the escarpment, west of Scenic Drive. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL 21,500 2,000 23,500



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering
Function: Sewage Works

Project Description

Chedoke Creek Pollution Control - Engineering
Pollution Control Works in Chedoke Creek Basin and Outlet in accordance with the Findings of the Study by McMaster University, Currently in Progress.

Municipality

Hamilton

Project Number: 36205
File Number:

Financial Report Page: 37
Appendix Page: A4

Capital Cost Estimate

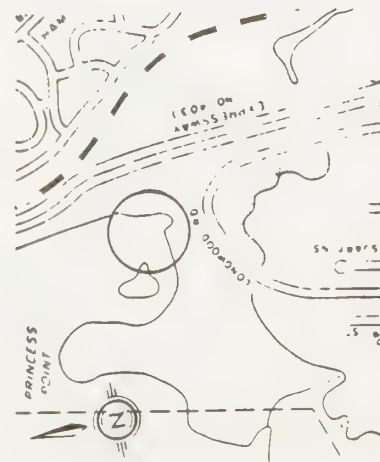
Design Land Construction Other Engineering	200,000
TOTAL	200,000
Subsidy Contributions	NIL
TOTAL	NIL
Net Cost	200,000
Amount to be Financed: Regional S. Surcharge Property Owners Other	200,000
TOTAL	200,000

Need for Project

To reduce pollution in Coote's Paradise from the inflowing waters of Chedoke Creek.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required 1985

Expenditures:

Prior To Budget	Region	Other Contrib	Total
1982			
1983			
1984			
1985			
1986	200,000		200,000
1987 & After			
TOTAL	200,000		200,000

Effect on Current Budget

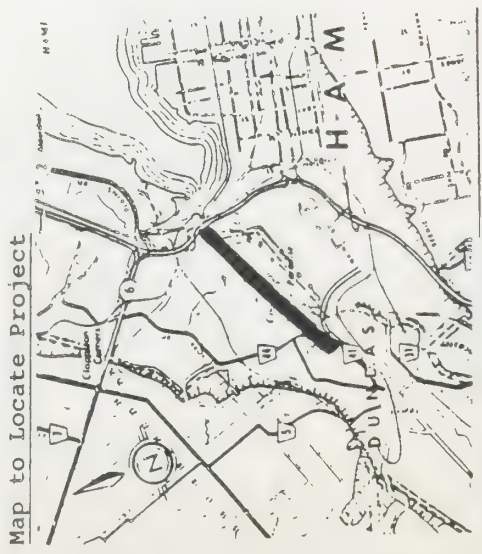
Debt Charges	42,900
Annual Costs	
TOTAL	42,900

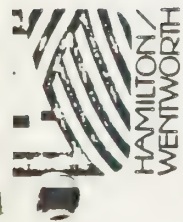


FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: 34202	Financial Report Page: 37
Function: Sewage Works	File Number:	Appendix Page: A9
<u>Project Description</u> King Street S.T.P. Outfall Sewer - Approximately 1050mm Diameter Outfall Sewer from Plant to Burlington Bay	<u>Capital Cost Estimate</u> Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL	<u>Need for Project</u> To eliminate the discharge of effluent from the King Street S.T.P. to Coote's Paradise, as pollution loading exceeds the permitted limit for such discharge to Coote's Paradise.
<u>Municipality</u> Dundas		<u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1985 Expenditures: Prior. to Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 36205 File Number:	Financial Report Page: 37 Appendix Page: A14																										
Project Description Pumping Station S-W5, Rockcliffe - Construction Sanitary Sewage Pumping Station and Forcemain Municipality Flamborough	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>500,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>500,000</td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>500,000</td></tr><tr><td>Amount to be Financed: Regional S. Surcharge Property Owners Other</td><td>500,000</td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table>	Design		Land		Construction	500,000	Other		TOTAL	500,000	Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	500,000	Amount to be Financed: Regional S. Surcharge Property Owners Other	500,000	TOTAL	500,000	Need for Project To service existing Rockcliffe area and eliminate pollution. Additional Information						
Design																												
Land																												
Construction	500,000																											
Other																												
TOTAL	500,000																											
Subsidy Contributions	NIL																											
TOTAL	NIL																											
Net Cost	500,000																											
Amount to be Financed: Regional S. Surcharge Property Owners Other	500,000																											
TOTAL	500,000																											
Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required</th><th>1986</th></tr><tr><td>Expenditures:</td><td></td></tr><tr><td>Prior To Budget</td><td></td></tr><tr><td>1982</td><td></td></tr><tr><td>1983</td><td></td></tr><tr><td>1984</td><td></td></tr><tr><td>1985</td><td></td></tr><tr><td>1986</td><td></td></tr><tr><td>1987 & After</td><td>50,000</td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table>	O.M.B. Required	1986	Expenditures:		Prior To Budget		1982		1983		1984		1985		1986		1987 & After	50,000	TOTAL	500,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>10,700</td></tr><tr><td>Annual Costs</td><td>N/A</td></tr><tr><td>TOTAL</td><td>10,700</td></tr></table>	Debt Charges	10,700	Annual Costs	N/A	TOTAL	10,700
O.M.B. Required	1986																											
Expenditures:																												
Prior To Budget																												
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1987 & After	50,000																											
TOTAL	500,000																											
Debt Charges	10,700																											
Annual Costs	N/A																											
TOTAL	10,700																											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 11000 H File Number:	Financial Report Page: 39 & 43 Appendix Page:																																				
<u>Project Description</u> Rated Sewers and Minor Improvements, 1982 Various Local Sewers <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>3,400,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>3,400,000</td></tr><tr><td>Subsidy</td><td></td></tr><tr><td>Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>3,400,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional S. Surcharge</td><td>1,800,000</td></tr><tr><td>Property Owners</td><td>1,600,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>3,400,000</td></tr></table>	Design		Land	3,400,000	Construction		Other		TOTAL	3,400,000	Subsidy		Contributions	NIL	TOTAL	NIL	Net Cost	3,400,000	Amount to be Financed:		Regional S. Surcharge	1,800,000	Property Owners	1,600,000	Other		TOTAL	3,400,000	<u>Need for Project</u> To finance Local Improvement Act sewers and minor works generally associated with road construction. <u>Additional Information</u>								
Design																																						
Land	3,400,000																																					
Construction																																						
Other																																						
TOTAL	3,400,000																																					
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<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1982 Expenditures: <table border="1"><thead><tr><th></th><th>Region</th><th>Other</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>800,000</td><td>800,000</td><td>1,600,000</td></tr><tr><td>1983</td><td>1,000,000</td><td>800,000</td><td>1,800,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,800,000</td><td>1,600,000</td><td>3,400,000</td></tr></tbody></table>		Region	Other	Total	Prior To Budget				1982	800,000	800,000	1,600,000	1983	1,000,000	800,000	1,800,000	1984				1985				1986				1987 & After				TOTAL	1,800,000	1,600,000	3,400,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
	Region	Other	Total																																			
Prior To Budget																																						
1982	800,000	800,000	1,600,000																																			
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FIVE YEAR CAPITAL BUDGET
1982 - 1986

<p>Department/Agency: Engineering</p> <p>Function: Sewage Works</p>	<p>Project Number: 11000 I</p> <p>File Number:</p>	<p>Financial Report Page: 39 & 43</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Rated Sewers and Minor Improvements, 1983</p> <p>Various Local Sewers</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>2,600,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,600,000</td></tr></table> <p>Subsidy Contributions NIL</p> <p>TOTAL NIL</p> <p>Net Cost 2,600,000</p> <p>Amount to be Financed:</p> <table><tr><td>Regional S. Surcharge</td><td>1,400,000</td></tr><tr><td>Property Owners</td><td>1,200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,600,000</td></tr></table>	Design		Land		Construction	2,600,000	Other		TOTAL	2,600,000	Regional S. Surcharge	1,400,000	Property Owners	1,200,000	Other		TOTAL	2,600,000	<p><u>Need for Project</u></p> <p>See Item 11000 H.</p> <p><u>Additional Information</u></p>														
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<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1983</p> <p>Expenditures:</p> <table><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td>400,000</td><td>600,000</td><td>1,000,000</td></tr><tr><td>1984</td><td>1,000,000</td><td>600,000</td><td>1,600,000</td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,400,000</td><td>1,200,000</td><td>2,600,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982				1983	400,000	600,000	1,000,000	1984	1,000,000	600,000	1,600,000	1985				1986				1987 & After				TOTAL	1,400,000	1,200,000	2,600,000	<p><u>Effect on Current Budget</u></p> <p>Debt Charges</p> <p>Annual Costs</p> <p>TOTAL</p>
Prior To Budget	Region	Other Contrib	Total																															
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1984	1,000,000	600,000	1,600,000																															
1985																																		
1986																																		
1987 & After																																		
TOTAL	1,400,000	1,200,000	2,600,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Sewage Works	Project Number: 11000 J File Number:	Financial Report Page: 39 & 44 Appendix Page:
Project Description Rated Sewers and Minor Improvements, 1984 Various Local Sewers <u>Municipality</u>	Capital Cost Estimate Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL	Need for Project See Item 11000 H. <u>Additional Information</u>
Map to Locate Project	Cash Flow O.M.B. Required 1984 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET
1982 - 1986

<p>Department/Agency: Engineering Function: Sewage Works</p>	<p>Project Number: 11000 K File Number:</p>	<p>Financial Report Page: 39 & 44 Appendix Page:</p>
<p><u>Project Description</u> Rated Sewers and Minor Improvements, 1985 Various Local Sewers <u>Municipality</u></p>	<p><u>Capital Cost Estimate</u> Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other TOTAL TOTAL TOTAL</p>	<p><u>Need for Project</u> See Item 11000 H.</p> <p><u>Additional Information</u></p>
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u> O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL</p>	<p><u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL</p>

FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Sewage Works	Project Number: 11000 L File Number:	Financial Report Page: 39 & 44 Appendix Page:
<u>Project Description</u> Rated Sewers and Minor Improvements, 1986 Various Local Sewers <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL 2,700,000 2,700,000 Subsidy Contributions NIL TOTAL NIL 2,700,000 Net Cost Amount to be Financed: Regional S. Surcharge Property Owners Other 1,400,000 1,300,000 TOTAL 2,700,000	<u>Need for Project</u> See Item 11000 H. <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1986 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 400,000 1,000,000 600,000 700,000 1,000,000 1,700,000 1,400,000 1,300,000 2,700,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL

W A T E R W O R K S

D E T A I L S H E E T S



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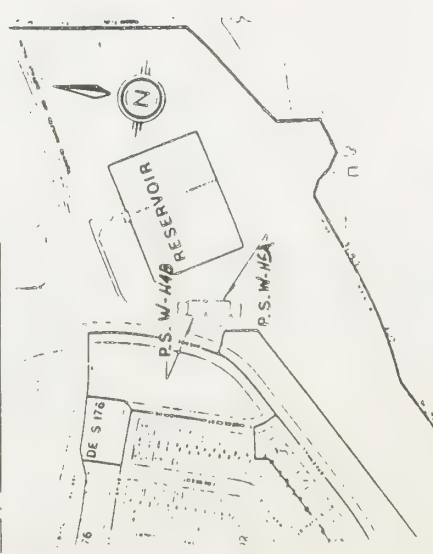
Department/Agency: Engineering Function: Waterworks	Project Number: 25705 File Number: 816-05	Financial Report Page: 45 Appendix Page:																																										
Project Description Pumping Station W-HBA at Reservoir W-HIC (OHAP - 280) 1976 Municipality Stoney Creek	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>626,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>626,000</td></tr><tr><td>Subsidy O.H.A.P. Contributions</td><td>470,000</td></tr><tr><td>TOTAL</td><td>470,000</td></tr><tr><td>Net Cost</td><td>156,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>156,000</td></tr><tr><td>TOTAL</td><td>156,000</td></tr></table>	Design		Land		Construction	626,000	Other		TOTAL	626,000	Subsidy O.H.A.P. Contributions	470,000	TOTAL	470,000	Net Cost	156,000	Amount to be Financed: Regional W.R. Property Owners Other	156,000	TOTAL	156,000	Need for Project For further housing development within Stoney Creek below the escarpment. Additional Information																						
Design																																												
Land																																												
Construction	626,000																																											
Other																																												
TOTAL	626,000																																											
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Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td>156,000</td><td>470,000</td><td>626,000</td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>156,000</td><td>470,000</td><td>626,000</td></tr></table>	O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget	156,000	470,000	626,000	1982				1983				1984				1985				1986				1987 & After				TOTAL	156,000	470,000	626,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td></td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td></td></tr></table>	Debt Charges		Annual Costs		TOTAL	
O.M.B. Required Expenditures:	Region	Other Contrib	Total																																									
Prior To Budget	156,000	470,000	626,000																																									
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Debt Charges																																												
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

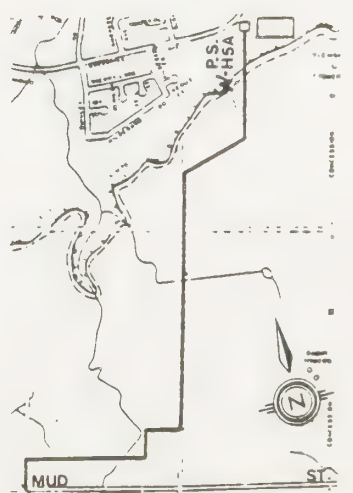
180

Department/Agency: Engineering Function: Waterworks	Project Number: 26701 File Number: 816-01	Financial Report Page: 45 Appendix Page:																																				
Project Description Pumping Station W-H5A - Construction Pumping Station with Pumps #1 & #2 with a Firm Capacity of 5.0 M.I.G.D. Municipality Hamilton Stoney Creek	Capital Cost Estimate Design Land Construction 2,500,000 Other TOTAL 2,500,000 Subsidy Contributions CMHC 1,222,000 TOTAL 1,222,000 Net Cost 1,278,000 Amount to be Financed: Regional W.R. 1,278,000 Property Owners Other TOTAL 1,278,000	Need for Project To supply all new development within Hamilton and Stoney Creek above the escarpment. Additional Information																																				
Map to Locate Project 	Cash Flow <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td>1,260,000</td><td>1,222,000</td><td>2,482,000</td></tr><tr><td>1982</td><td>18,000</td><td></td><td>18,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,278,000</td><td>1,222,000</td><td>2,500,000</td></tr></tbody></table>	O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget	1,260,000	1,222,000	2,482,000	1982	18,000		18,000	1983				1984				1985				1986				1987 & After				TOTAL	1,278,000	1,222,000	2,500,000	Effect on Current Budget Debt Charges 3,700 Annual Costs TOTAL 3,700
O.M.B. Required Expenditures:	Region	Other Contrib	Total																																			
Prior To Budget	1,260,000	1,222,000	2,482,000																																			
1982	18,000		18,000																																			
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TOTAL	1,278,000	1,222,000	2,500,000																																			



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 26757 File Number: 823-09	Financial Report Page: 45 Appendix Page:																																				
<u>Project Description</u> Trunk Watermain from Pumping Station W-H5A to Mud Street - Construction - 48" Trunk Watermain <u>Municipality</u> Stoney Creek	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design Land Construction Other</td><td>2,400,000</td></tr><tr><td>TOTAL</td><td>2,400,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>360,000</td></tr><tr><td>TOTAL</td><td>225,000</td></tr><tr><td>Net Cost</td><td>585,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>1,815,000</td></tr><tr><td>TOTAL</td><td>1,815,000</td></tr></table>	Design Land Construction Other	2,400,000	TOTAL	2,400,000	Subsidy M.O.E. Contributions	360,000	TOTAL	225,000	Net Cost	585,000	Amount to be Financed: Regional W.R. Property Owners Other	1,815,000	TOTAL	1,815,000	<u>Need for Project</u> Phase I of trunk watermain required to connect pumping station W-H5A to existing distribution system above the escarpment. Initially will supply development within Saltfleet Community. <u>Additional Information</u>																						
Design Land Construction Other	2,400,000																																					
TOTAL	2,400,000																																					
Subsidy M.O.E. Contributions	360,000																																					
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Amount to be Financed: Regional W.R. Property Owners Other	1,815,000																																					
TOTAL	1,815,000																																					
<u>Map to Locate Project</u> 	<u>Cash Flow</u> <table border="1"><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td>1,815,000</td><td>225,000</td><td>2,040,000</td></tr><tr><td>1982</td><td></td><td>360,000</td><td>360,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,815,000</td><td>585,000</td><td>2,400,000</td></tr></table>	O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget	1,815,000	225,000	2,040,000	1982		360,000	360,000	1983				1984				1985				1986				1987 & After				TOTAL	1,815,000	585,000	2,400,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL
O.M.B. Required Expenditures:	Region	Other Contrib	Total																																			
Prior To Budget	1,815,000	225,000	2,040,000																																			
1982		360,000	360,000																																			
1983																																						
1984																																						
1985																																						
1986																																						
1987 & After																																						
TOTAL	1,815,000	585,000	2,400,000																																			



FIVE YEAR CAPITAL BUDGET

1982 - 1986

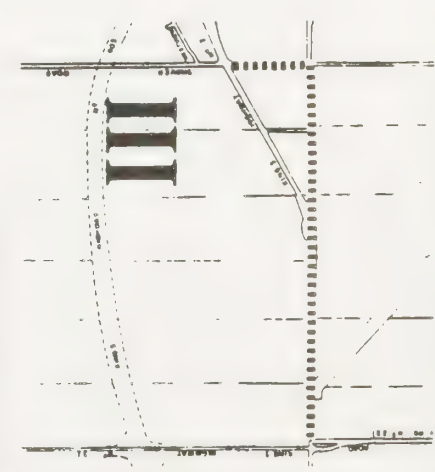
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Department/Agency: Engineering Function: Waterworks	Project Number: 27703 File Number: 818-08	Financial Report Page: 45 Appendix Page: A16
Project Description Hwy. 53 Trunk Watermain from Upper Paradise Road to Southcote Road - Construction 600 mm Watermain - Hwy. 53 from Upper Paradise Road to Hamilton City Limits 400 mm Watermain - Hwy. 53 from Upper Paradise Road to Southcote Road 400 mm Watermain - Southcote Road from Hwy. 53 to Gray Court Drive 300 mm Watermain - Garth Street from Claudette Gate to Hwy. 53 Municipality Ancaster	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy M.O.E. Contributions TOTAL Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	Need for Project The existing well field used to supply Ancaster has insufficient capacity to permit new development and, consequently, the supply must be augmented from the Hamilton system. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL 243,200 243,200



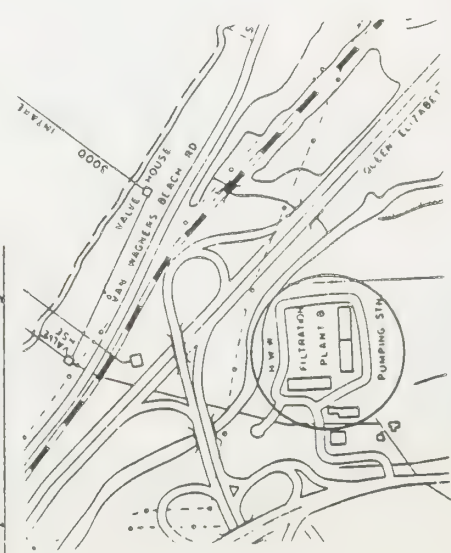
FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 27729A</p> <p>File Number: 801-15</p>	<p>Financial Report Page: 45</p> <p>Appendix Page: A12</p>																																										
<p><u>Project Description</u></p> <p>Ancaster Industrial Park - Trunk Watermain - Construction 400 & 300 mm Watermain - Hwy. #2 from Trinity Road to Hwy. #53</p> <p>400 mm Watermain - Hwy. #53 from Hwy. #2 to Shaver Road</p> <p>300 mm Watermain - Shaver Road from Hwy. #53 to Hwy. #2</p> <p><u>Municipality</u></p> <p>Ancaster</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>690,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>690,000</td></tr><tr><td>Subsidy CSCP Contributions</td><td>115,000</td></tr><tr><td>TOTAL</td><td>115,000</td></tr><tr><td>Net Cost</td><td>575,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>465,000 110,000</td></tr><tr><td>TOTAL</td><td>575,000</td></tr></table>	Design		Land		Construction	690,000	Other		TOTAL	690,000	Subsidy CSCP Contributions	115,000	TOTAL	115,000	Net Cost	575,000	Amount to be Financed: Regional W.R. Property Owners Other	465,000 110,000	TOTAL	575,000	<p><u>Need for Project</u></p> <p>Trunk feedermain to supply Phase I of proposed industrial park in Duff's Corner area.</p> <p><u>Additional Information</u></p>																						
Design																																												
Land																																												
Construction	690,000																																											
Other																																												
TOTAL	690,000																																											
Subsidy CSCP Contributions	115,000																																											
TOTAL	115,000																																											
Net Cost	575,000																																											
Amount to be Financed: Regional W.R. Property Owners Other	465,000 110,000																																											
TOTAL	575,000																																											
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table><tr><th>O.M.B. Required Expenditures:</th><th>Received</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>465,000</td><td>225,000</td><td>690,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>465,000</td><td>225,000</td><td>690,000</td></tr></table>	O.M.B. Required Expenditures:	Received	Other Contrib	Total	Prior To Budget				1982	465,000	225,000	690,000	1983				1984				1985				1986				1987 & After				TOTAL	465,000	225,000	690,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>99,800</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>99,800</td></tr></table>	Debt Charges	99,800	Annual Costs		TOTAL	99,800
O.M.B. Required Expenditures:	Received	Other Contrib	Total																																									
Prior To Budget																																												
1982	465,000	225,000	690,000																																									
1983																																												
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Debt Charges	99,800																																											
Annual Costs																																												
TOTAL	99,800																																											



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Department/Agency: Engineering Function: Waterworks	Project Number: 26745 File Number: 823-04	Financial Report Page: 45 Appendix Page:
Project Description Woodward Avenue - Water Treatment Plant Expansion to 200 M.I.G.D. & Waste Water Treatment - Study Investigation on experiments on filter media and research on Waste Water Treatment.	Capital Cost Estimate Design Land Construction Other Subsidy Contributions Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	Need for Project To determine if present filter media will permit flow rates of 10 M.I.G.D. per filter and determine most economical methods to treat waste water.
Municipality Hamilton	Additional Information	
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



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Department/Agency: Engineering
Function: Waterworks

Project Description

Reservoir W-H11 Expansion - Construction
Expansion of Reservoir from 1.0 M.I.G.
to 3.6 M.I.G.

Municipality

Dundas

Project Number: 27501
File Number: 818-05

Financial Report Page: 46
Appendix Page:

Capital Cost Estimate

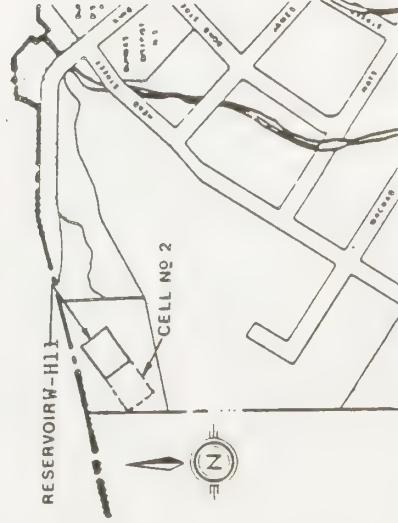
Design	
Land	
Construction	1,028,000
Other	
TOTAL	1,028,000
Subsidy M.O.E.	135,000
Contributions	
TOTAL	893,000
Net Cost	
Amount to be Financed:	
Regional W.R.	893,000
Property Owners	
Other	
TOTAL	893,000

Need for Project

To provide adequate storage for
District W-H11 which includes the
Central Business District of Dundas.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required	Received	
Expenditures:		
Prior	Region	Other
To Budget	589,000	Contrib
		Total
1982	304,000	135,000
1983		
1984		
1985		
1986		
1987 & After		
TOTAL	893,000	135,000 1,028,000

Effect on Current Budget

Debt Charges	65,300
Annual Costs	
TOTAL	65,300

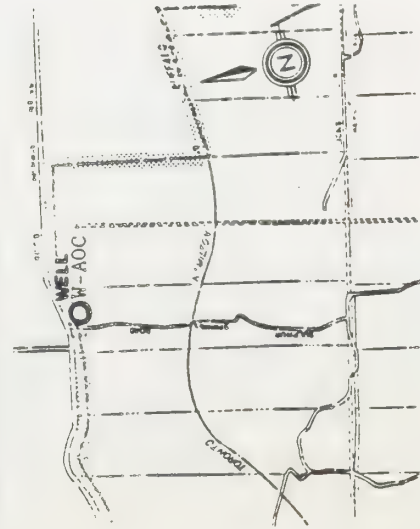
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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 27702</p> <p>File Number: 823-13</p>	<p>Financial Report Page: 46</p> <p>Appendix Page:</p>										
<p><u>Project Description</u></p>												
<p>Well W-AOC - Sulphur Springs Road</p> <p>10" Diameter Well and Pumping Equipment with 1.0 M.I.G.D. Capacity</p>												
<p><u>Municipality</u></p>												
<p>Ancaster Dundas</p>												
<p><u>Capital Cost Estimate</u></p>												
<table style="width: 100%;"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">255,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">255,000</td> </tr> </table>			Design		Land		Construction	255,000	Other		TOTAL	255,000
Design												
Land												
Construction	255,000											
Other												
TOTAL	255,000											
<p><u>Need for Project</u></p>												
<p>To complete the development of the Sulphur Springs Road site and supply adequate water to western Dundas and Ancaster.</p>												
<p><u>Additional Information</u></p>												
<p><u>Effect on Current Budget</u></p>												
<table style="width: 100%;"> <tr> <td>Debt Charges</td> <td style="text-align: right;">9,300</td> </tr> <tr> <td>Annual Costs</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">9,300</td> </tr> </table>			Debt Charges	9,300	Annual Costs		TOTAL	9,300				
Debt Charges	9,300											
Annual Costs												
TOTAL	9,300											

Map to Locate Project






FIVE YEAR CAPITAL BUDGET

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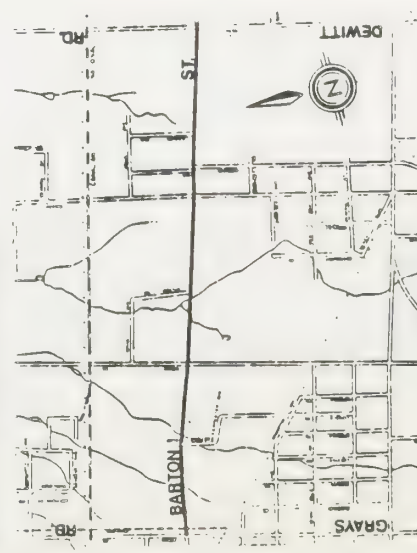
Department/Agency: Engineering Function: Waterworks	Project Number: 27704 File Number: 816-21	Financial Report Page: 46 Appendix Page:																																
<u>Project Description</u> P.S. W-H18 - Ancaster - Engineering and Land Booster Pumping Station to supply Town of Ancaster from Hamilton District W-H6	<u>Capital Cost Estimate</u> Design Land 25,000 Construction 180,000 Other Engineering 205,000 TOTAL 205,000 Subsidy Contributions TOTAL NIL Net Cost 205,000 Amount to be Financed: Regional W.R. Property Owners 205,000 Other TOTAL 205,000	<u>Need for Project</u> The existing well field used to supply Ancaster and Dundas has insufficient capacity to permit new development in Ancaster.																																
<u>Municipality</u> Ancaster		<u>Additional Information</u>																																
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required Received Expenditures: <table border="1"><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982 200,000</td><td></td><td></td><td>200,000</td></tr><tr><td>1983 5,000</td><td></td><td></td><td>5,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL 205,000</td><td></td><td></td><td>205,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982 200,000			200,000	1983 5,000			5,000	1984				1985				1986				1987 & After				TOTAL 205,000			205,000	<u>Effect on Current Budget</u> Debt Charges 1,000 Annual Costs TOTAL 1,000
Prior To Budget	Region	Other Contrib	Total																															
1982 200,000			200,000																															
1983 5,000			5,000																															
1984																																		
1985																																		
1986																																		
1987 & After																																		
TOTAL 205,000			205,000																															



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 27705 File Number: 802-14	Financial Report Page: 46 Appendix Page:
Project Description Barton Street from Gray's Road to DeWitt - Design and Construction of Trunk Watermain 42" & 36" Diameter Trunk Watermain	Capital Cost Estimate Design Land Construction Other Subsidy Contributions CMHC Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL TOTAL TOTAL	Need for Project To maintain adequate water supply to area below escarpment east of Gray's Road.
Municipality Stoney Creek		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL

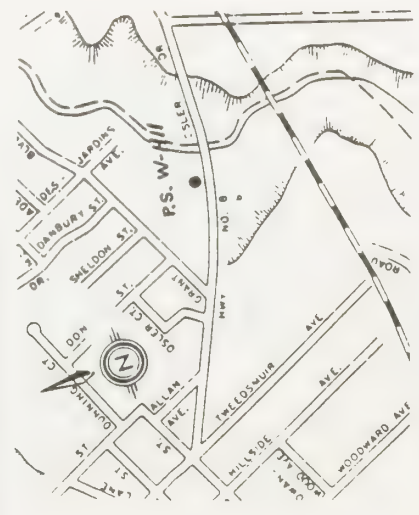


FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 27725 File Number: 816-14	Financial Report Page: 46 Appendix Page:																																				
Project Description Pumping Station W-H11 - Chlorination Facilities Building and Equipment for Rechlorinating at Pumping Station W-H11 - Osler Drive Municipality Dundas	Capital Cost Estimate Design Land Construction Other 200,000 TOTAL 200,000 Subsidy Contributions TOTAL NIL Net Cost 200,000 Amount to be Financed: Regional W.R. Property Owners Other 200,000 TOTAL 200,000	Need for Project To maintain chlorine levels in water supplied to Dundas area. Additional Information																																				
Cash Flow <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td>166,000</td><td></td><td>166,000</td></tr><tr><td>1982</td><td></td><td>34,000</td><td>34,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>200,000</td><td></td><td>200,000</td></tr></tbody></table>		O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget	166,000		166,000	1982		34,000	34,000	1983				1984				1985				1986				1987 & After				TOTAL	200,000		200,000	Effect on Current Budget Debt Charges 7,000 Annual Costs TOTAL 7,000
O.M.B. Required Expenditures:	Region	Other Contrib	Total																																			
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1982		34,000	34,000																																			
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1987 & After																																						
TOTAL	200,000		200,000																																			

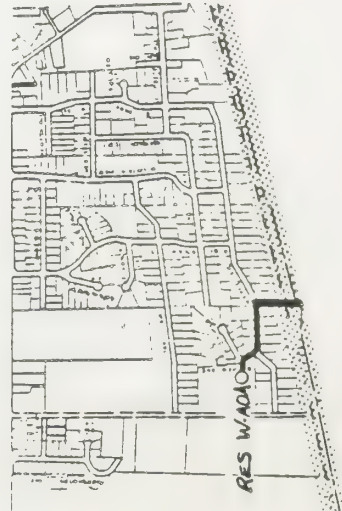
Map to Locate Project



FIVE YEAR CAPITAL BUDGET

1982 - 1986

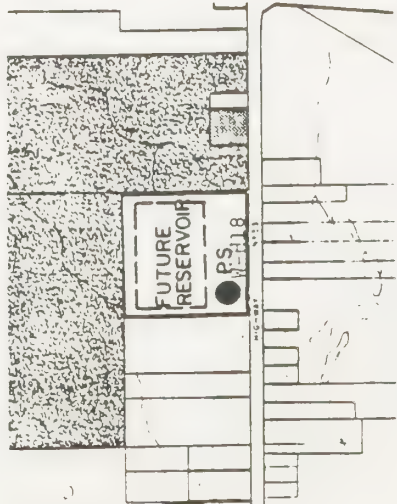
190

Department/Agency: Engineering Function: Waterworks	Project Number: 27817 File Number: 818-13	Financial Report Page: 46 Appendix Page:																																
<u>Project Description</u> Reservoir W-A0A and Feedermain - Engineering and Land 3.0 M.I.G. Reservoir and 16" & 24" Connecting Watermain from Glenwood Heights Area to Morden Neighbourhood in Dundas <u>Municipality</u> Dundas	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td>67,000</td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>100,000</td> </tr> <tr> <td>Other Engineering</td> <td>167,000</td> </tr> <tr> <td>TOTAL</td> <td>167,000</td> </tr> </table> Subsidy Contributions TOTAL NIL Net Cost 167,000 Amount to be Financed: Regional W.R. Property Owners Other 167,000 TOTAL 167,000	Design	67,000	Land		Construction	100,000	Other Engineering	167,000	TOTAL	167,000	<u>Need for Project</u> Reservoir storage to satisfy requirements of Morden, Sobel and Turnbull neighbourhoods, as well as future supply for Glenwood Heights - Greensville distribution system.																						
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Prior To Budget	Region	Other Contrib	Total																															
1982	154,000		154,000																															
1983	13,000		13,000																															
1984																																		
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1986																																		
1987 & After																																		
TOTAL	167,000		167,000																															

FIVE YEAR CAPITAL BUDGET

1982 - 1986

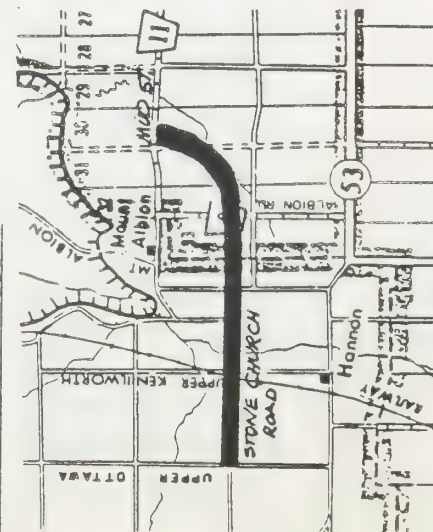
191

Department/Agency: Engineering Function: Waterworks	Project Number: 27704A File Number: 816-21	Financial Report Page: 47 Appendix Page: A16																																
<u>Project Description</u> P.S. W-H18 - Ancaster - Construction Booster Pumping Station to supply Town of Ancaster from Hamilton District W-H6	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td>1,600,000</td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,600,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy M.O.E. Contributions</td> <td>200,000</td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>1,400,000</td> </tr> <tr> <td>TOTAL</td> <td>1,400,000</td> </tr> </table> Amount to be Financed: Regional W.R. Property Owners Other	Design		Land	1,600,000	Construction		Other		TOTAL	1,600,000	Subsidy M.O.E. Contributions	200,000	TOTAL	200,000	Net Cost	1,400,000	TOTAL	1,400,000	<u>Need for Project</u> The existing well field used to supply Ancaster and Dundas has insufficient capacity to permit new development in Ancaster and Dundas.														
Design																																		
Land	1,600,000																																	
Construction																																		
Other																																		
TOTAL	1,600,000																																	
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<u>Municipality</u> Ancaster	<u>Additional Information</u>																																	
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required Expenditures: <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td>370,000</td> <td>135,000</td> <td>505,000</td> </tr> <tr> <td>1983</td> <td>1,030,000</td> <td>65,000</td> <td>1,095,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,400,000</td> <td>200,000</td> <td>1,600,000</td> </tr> </tbody> </table>	Prior To Budget	Region	Other Contrib	Total	1982	370,000	135,000	505,000	1983	1,030,000	65,000	1,095,000	1984				1985				1986				1987 & After				TOTAL	1,400,000	200,000	1,600,000	<u>Effect on Current Budget</u> Debt Charges 221,100 Annual Costs TOTAL 221,100
Prior To Budget	Region	Other Contrib	Total																															
1982	370,000	135,000	505,000																															
1983	1,030,000	65,000	1,095,000																															
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1985																																		
1986																																		
1987 & After																																		
TOTAL	1,400,000	200,000	1,600,000																															



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering	Project Number: 28757	Financial Report Page: 47
Function: Waterworks	File Number: 823-20	Appendix Page:
Project Description Trunk Watermain from Mud Street to Upper Ottawa Street - Construction - 1200 mm Diameter Trunk Main	Capital Cost Estimate Design Land Construction Other 2,500,000 TOTAL 2,500,000 Subsidy M.O.E. CMHC Contributions 330,000 250,000 TOTAL 580,000 Net Cost 1,920,000 Amount to be Financed: Regional W.R. Property Owners Other 1,920,000 TOTAL 1,920,000	Need for Project To provide water to all lands above the escarpment and west of Paramount Drive.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Prior Region Other Contrib Total To Budget 1,530,000 490,000 2,020,000 1982 390,000 90,000 480,000 1983 1984 1985 1986 1987 & After TOTAL 1,920,000 580,000 2,500,000	Effect on Current Budget Debt Charges 83,700 Annual Costs TOTAL 83,700



1982 - 1986

Department/Agency: Engineering
Function: Waterworks

Project Number: 29768
File Number: 816-37

Financial Report Page: 47
Appendix Page:

Project Description

Pumping Station W-H0 - Roof Repairs
Repair and Replacement of Roofing on this Existing Pumping Station

Municipality

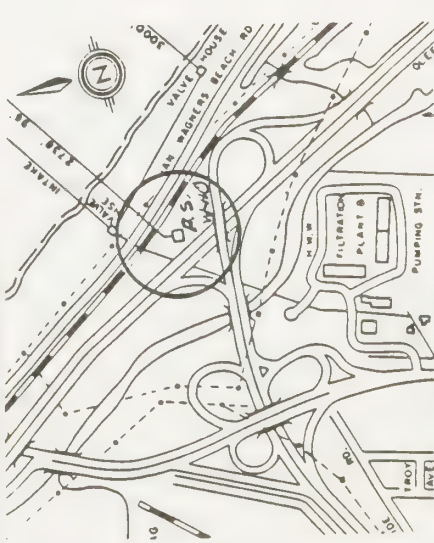
Hamilton

Need for Project

The original roofing on the pumping station has deteriorated and requires extensive repair to prevent damage to pumping equipment due to leakage.

Additional Information

Map to Locate Project



Cash Flow		
O.M.B. Required Expenditures:	Received	
Prior To Budget	Region Contrib	Other Total
1982 100,000	20,000	100,000
1983 20,000		20,000
1984		
1985		
1986		
1987 & After		
TOTAL	120,000	120,000

Effect on Current Budget		
Debt Charges		
Annual Costs		
TOTAL		4,100
		4,100



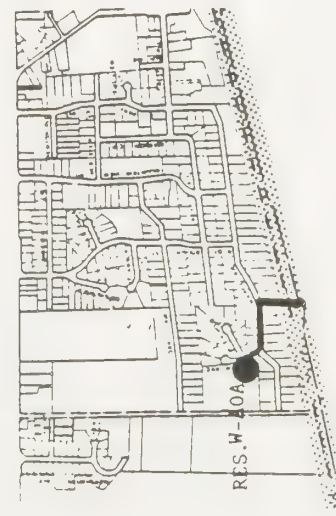
FIVE YEAR CAPITAL BUDGET
1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 27727A File Number: 813-27	Financial Report Page: 47 Appendix Page: A17																																	
Project Description Morden Neighbourhood Watermain - Construction 400 mm & 600 mm Watermains to connect Supply at Hwy. 99 to Res. W-A0A	Capital Cost Estimate <table border="1"><tr><td>Design Land Construction Other</td><td>560,000</td></tr><tr><td>TOTAL</td><td>560,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>560,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>560,000</td></tr><tr><td>TOTAL</td><td>560,000</td></tr></table>	Design Land Construction Other	560,000	TOTAL	560,000	Subsidy Contributions		TOTAL	NIL	Net Cost	560,000	Amount to be Financed: Regional W.R. Property Owners Other	560,000	TOTAL	560,000	Need for Project Local distribution watermain through Morden Neighbourhood to connect supply and reservoir. Cost to be recovered from the developer.																			
Design Land Construction Other	560,000																																		
TOTAL	560,000																																		
Subsidy Contributions																																			
TOTAL	NIL																																		
Net Cost	560,000																																		
Amount to be Financed: Regional W.R. Property Owners Other	560,000																																		
TOTAL	560,000																																		
Municipality Dundas		Additional Information																																	
Map to Locate Project 	Cash Flow <table border="1"><tr><th colspan="3">O.M.B. Required Expenditures:</th></tr><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib Total</th></tr><tr><td>1982</td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td>330,000</td><td></td></tr><tr><td>1987 & After</td><td>230,000</td><td></td></tr><tr><td>TOTAL</td><td>560,000</td><td>560,000</td></tr></table>	O.M.B. Required Expenditures:			Prior To Budget	Region	Other Contrib Total	1982			1983			1984			1985			1986	330,000		1987 & After	230,000		TOTAL	560,000	560,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>120,200</td></tr><tr><td>Annual Costs</td><td>120,200</td></tr><tr><td>TOTAL</td><td></td></tr></table>	Debt Charges	120,200	Annual Costs	120,200	TOTAL	
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TOTAL																																			

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 27817A</p> <p>File Number: 818-13</p>	<p>Financial Report Page: 47</p> <p>Appendix Page: A10</p>																																				
<p>Project Description</p> <p>Reservoir W-A0A and Feedermain - Construction</p> <p>13,640 m³ Reservoir and 400 mm & 600 mm Connecting Watermain from Glenwood Heights Area to Morden Neighbourhood in Dundas</p> <p><u>Municipality</u></p> <p>Dundas</p>																																						
<p>Capital Cost Estimate</p> <table style="width: 100%;"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">2,000,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">2,000,000</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Subsidy M.O.E. Contributions</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">NIL</td> </tr> </table> <table style="width: 100%;"> <tr> <td>Net Cost</td> <td style="text-align: right;"><u>1,700,000</u></td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional</td> <td style="text-align: right;">1,700,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right;">1,700,000</td> </tr> </table>			Design		Land		Construction	2,000,000	Other		TOTAL	2,000,000	Subsidy M.O.E. Contributions	300,000	TOTAL	NIL	Net Cost	<u>1,700,000</u>	Amount to be Financed:		Regional	1,700,000	Property Owners		Other		TOTAL	1,700,000										
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Debt Charges	364,900																																					
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Department/Agency: Engineering Function: Waterworks	Project Number: 20762 File Number:	Financial Report Page: 47 Appendix Page:																																										
<u>Project Description</u> Montgomery Drive - Old Dundas Road to Eleanor Road - Watermain Construction 200 mm Watermain	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>36,000</td> </tr> <tr> <td>TOTAL</td> <td>36,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>36,000</td> </tr> <tr> <td>Net Cost</td> <td>36,000</td> </tr> <tr> <td>Amount to be Financed: Regional W.R. Property Owners Other</td> <td>36,000</td> </tr> <tr> <td>TOTAL</td> <td>36,000</td> </tr> </table>	Design Land Construction Other	36,000	TOTAL	36,000	Subsidy Contributions	NIL	TOTAL	36,000	Net Cost	36,000	Amount to be Financed: Regional W.R. Property Owners Other	36,000	TOTAL	36,000	<u>Need for Project</u> Existing development in Ancaster Heights is serviced via a single 150 mm watermain. This watermain will increase the reliability of supply to this district and reduce the possibility of disruption of service due to watermain rupture.																												
Design Land Construction Other	36,000																																											
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FIVE YEAR CAPITAL BUDGET

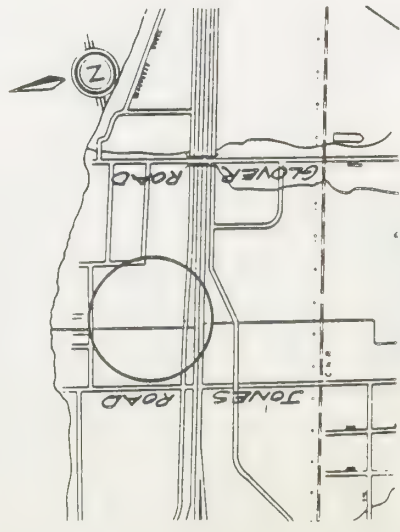
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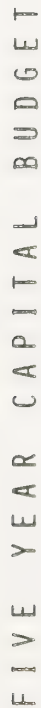
Department/Agency: Engineering Function: Waterworks	Project Number: 28754A File Number: 818-35	Financial Report Page: 48 Appendix Page:																																				
Project Description Stone Church Road Trunk Watermain - Upper James Street to 213 m East of Upper Wellington Street - Construction 750 mm Watermain on Stone Church Road from Upper James Street to Upper Wellington Street Municipality Hamilton	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>430,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>430,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr><tr><td>Net Cost</td><td>330,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>330,000</td></tr><tr><td>TOTAL</td><td>330,000</td></tr></table>	Design		Land	430,000	Construction		Other		TOTAL	430,000	Subsidy M.O.E. Contributions	100,000	TOTAL	100,000	Net Cost	330,000	Amount to be Financed: Regional W.R. Property Owners Other	330,000	TOTAL	330,000	Need for Project Residential development in east mountain area will overload the existing watermain on Stone Church Road and Rymal Road by 1980.																
Design																																						
Land	430,000																																					
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Other																																						
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Cash Flow <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Received Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>330,000</td><td>100,000</td><td>430,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>330,000</td><td>100,000</td><td>430,000</td></tr></tbody></table>		O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget				1982	330,000	100,000	430,000	1983				1984				1985				1986				1987 & After				TOTAL	330,000	100,000	430,000	Additional Information
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1987 & After																																						
TOTAL	330,000	100,000	430,000																																			
Map to Locate Project		Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>70,800</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>70,800</td></tr></table>	Debt Charges	70,800	Annual Costs		TOTAL	70,800																														
Debt Charges	70,800																																					
Annual Costs																																						
TOTAL	70,800																																					

FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 26716 File Number:	Financial Report Page: 48 Appendix Page:																																													
<u>Project Description</u> Eastern Water Treatment Plant - Land Acquisition Land for Future Water Treatment Plant	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>400,000</td> </tr> <tr> <td>TOTAL</td> <td>400,000</td> </tr> </table> Subsidy Contributions TOTAL NIL Net Cost 400,000 Amount to be Financed: Regional W.R. 400,000 Property Owners Other	Design Land Construction Other	400,000	TOTAL	400,000	<u>Need for Project</u> To assure that the Region has vacant land to construct a water treatment plant early in the 21st century.																																									
Design Land Construction Other	400,000																																														
TOTAL	400,000																																														
<u>Municipality</u> Stoney Creek	<u>Cash Flow</u> <table border="1"> <tr> <th>O.M.B. Required</th> <th>1981</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td>400,000</td> <td></td> <td></td> <td>400,000</td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>400,000</td> <td></td> <td></td> <td>400,000</td> </tr> </table>	O.M.B. Required	1981	Region	Other Contrib	Total	Prior To Budget					1982	400,000			400,000	1983					1984					1985					1986					1987 & After					TOTAL	400,000			400,000	<u>Additional Information</u>
O.M.B. Required	1981	Region	Other Contrib	Total																																											
Prior To Budget																																															
1982	400,000			400,000																																											
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1987 & After																																															
TOTAL	400,000			400,000																																											
<u>Map to Locate Project</u> 	<u>Effect on Current Budget</u> <table border="1"> <tr> <td>Debt Charges</td> <td>85,700</td> </tr> <tr> <td>Annual Costs</td> <td>N/A</td> </tr> <tr> <td>TOTAL</td> <td>85,700</td> </tr> </table>	Debt Charges	85,700	Annual Costs	N/A	TOTAL	85,700																																								
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1982 - 1986

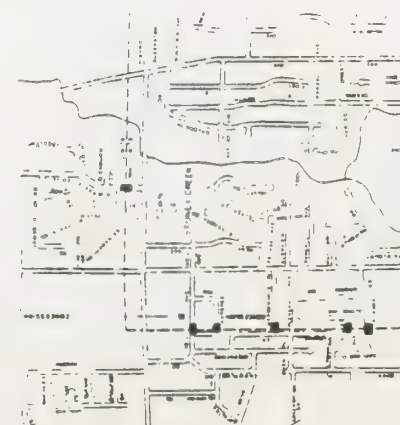
Department/Agency: Engineering	Project Number: 29765A	Financial Report Page: 48
Function: Waterworks	File Number: 819-37	Appendix Page:
<u>Project Description</u>		
Stone Church Road Trunk Watermain from Garth Street to Upper Paradise Road - Construction 750 mm Watermain on Stone Church Road from Garth Street to Upper Paradise Road		
<u>Municipality</u> Hamilton		
<u>Capital Cost Estimate</u>		
Design Land Construction Other	390,000	
TOTAL	390,000	
Subsidy M.O.E. Contributions	60,000	
TOTAL	60,000	
Net Cost	330,000	
Amount to be Financed: Regional W.R. Property Owners Other	330,000	
TOTAL	330,000	
<u>Cash Flow</u>		
O.M.B. Required Expenditures:	Received	Total
Prior To Budget	Region	Other Contrib
1982	330,000	60,000
1983		390,000
1984		
1985		
1986		
1987 & After		
TOTAL	330,000	60,000
<u>Map to Locate Project</u>		
<u>Need for Project</u>		
Residential development west of Upper Paradise Road will overload the existing 400 mm main on Stone Church Road by 1981.		
<u>Additional Information</u>		
<u>Effect on Current Budget</u>		
Debt Charges	70,800	
Annual Costs		
TOTAL	70,800	



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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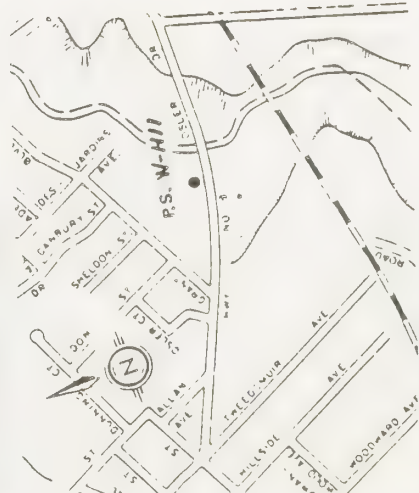
Department/Agency: Engineering Function: Waterworks	Project Number: 20732 File Number: 813-21	Financial Report Page: 48 Appendix Page:
Project Description Interconnection across Stoney Creek/ Hamilton Boundary Neil Avenue at City Limits Orlando Road at Alpine Avenue Calvert Avenue at Alpine Avenue Meadowdale Avenue at City Limits Lawrence Avenue at City Limits Riverdale Drive at Hwy. #8 <u>Municipality</u> Stoney Creek	Capital Cost Estimate Design Land Construction 50,000 Other TOTAL 50,000 Subsidy Contributions TOTAL NIL 50,000 Net Cost 50,000 Amount to be Financed: Regional W.R. Property Owners Other TOTAL 50,000	Need for Project To eliminate dead-end watermain and utilize the existing network to its full extent. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 50,000 1983 1984 1985 1986 1987 & After TOTAL 50,000	Effect on Current Budget Debt Charges 10,700 Annual Costs TOTAL 10,700



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 20752 File Number: 816-27	Financial Report Page: 48 Appendix Page:																																										
Project Description P.S. W-H11 - Installation of Pump #3 and Replacement of Pump #2 Two pumps rated at 82.5 L/Sec. @ 20 m T.D.H. Municipality Dundas	Capital Cost Estimate <table border="1"><tr><td>Design Land Construction Other</td><td>56,000</td></tr><tr><td>TOTAL</td><td>56,000</td></tr><tr><td>Subsidy Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td>56,000</td></tr><tr><td>Net Cost</td><td>56,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>56,000</td></tr><tr><td>TOTAL</td><td>56,000</td></tr></table>	Design Land Construction Other	56,000	TOTAL	56,000	Subsidy Contributions	NIL	TOTAL	56,000	Net Cost	56,000	Amount to be Financed: Regional W.R. Property Owners Other	56,000	TOTAL	56,000	Need for Project The maximum day consumption for the Town of Dundas exceeds the firm pumping capacity of this station. Presently, there are two pumps rated at 82.5 L/Sec. and 52.5 L/Sec., respectively, with space for a third pump. A study undertaken in 1975 recommended the replacement of the 52.5 L/Sec. pump with an 82.5 L/Sec. pump and installation of a third pump rated at 82.5 L/Sec. Additional Information																												
Design Land Construction Other	56,000																																											
TOTAL	56,000																																											
Subsidy Contributions	NIL																																											
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Map to Locate Project 	Cash Flow <table border="1"><tr><th>O.M.B. Required Expenditures:</th><th>Region</th><th>Received Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>56,000</td><td></td><td>56,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>56,000</td><td></td><td>56,000</td></tr></table>	O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget				1982	56,000		56,000	1983				1984				1985				1986				1987 & After				TOTAL	56,000		56,000	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>12,000</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>12,000</td></tr></table>	Debt Charges	12,000	Annual Costs		TOTAL	12,000
O.M.B. Required Expenditures:	Region	Received Other Contrib	Total																																									
Prior To Budget																																												
1982	56,000		56,000																																									
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1982 - 1986

Department/Agency: Engineering

Function: Waterworks

Project Number: 20763

File Number: 802-31

Financial Report Page: 48

Appendix Page:

Project Description

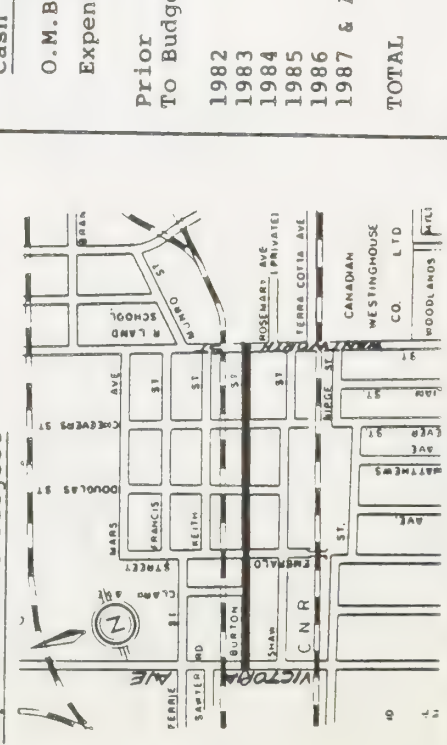
Burton Street from Victoria Avenue to Wentworth Street

300 mm Watermain on Burton Street from Victoria Avenue to Wentworth Street

Municipality

Hamilton

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:	Region	Received	Other Contrib	Total
Prior To Budget				
1982	135,000			135,000
1983				
1984				
1985				
1986				
1987 & After				
TOTAL	135,000			135,000

Effect on Current Budget

Debt Charges	12,000
Annual Costs	
TOTAL	12,000

Need for Project

The proposed watermain will increase the delivery of water to the Wentworth Street industrial area and, thereby, correct the fire protection deficiency that now exists. The installation will be undertaken in conjunction with proposed sewer and road reconstruction.

Additional Information



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 20753 File Number: 816-05	Financial Report Page: 49 Appendix Page:
Project Description Pumping Station W-H8A - Generator Set Generator Set to supply Standby Power to drive two Pumps rated at 130 L/Sec. and 40 m T.D.H. Municipality Stoney Creek	Capital Cost Estimate Design Land Construction 70,000 Other 70,000 TOTAL 70,000 Subsidy Contributions TOTAL NIL Net Cost 70,000 Amount to be Financed: Regional W.R. 70,000 Property Owners Other TOTAL 70,000	Need for Project Standby power is required to ensure continuous pumpage into District H8 during power failure. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Received Expenditures: Region Other Contrib Total Prior To Budget 70,000 70,000 1982 1983 1984 1985 1986 1987 & After TOTAL 70,000 70,000	Effect on Current Budget Debt Charges 15,000 Annual Costs 15,000 TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering
Function: Waterworks

Project Description

Waterdown Trunk Watermain - Engineering and Land
600 mm on York Road and Valley Road from Hopkins Court to Algonquin Avenue
400 mm on Algonquin Avenue and Hwy. 5 from South End of Algonquin Avenue to approximately 460 m West of Hwy. 6

Municipality

Dundas
Flamborough

Project Number: 20750
File Number: 832-33

Financial Report Page: 49
Appendix Page:

Capital Cost Estimate

Design Land	20,000
Construction Other	90,000
TOTAL	110,000

Subsidy Contributions

TOTAL	NIL
Net Cost	110,000

Amount to be Financed:
Regional W.R.
Property Owners
Other

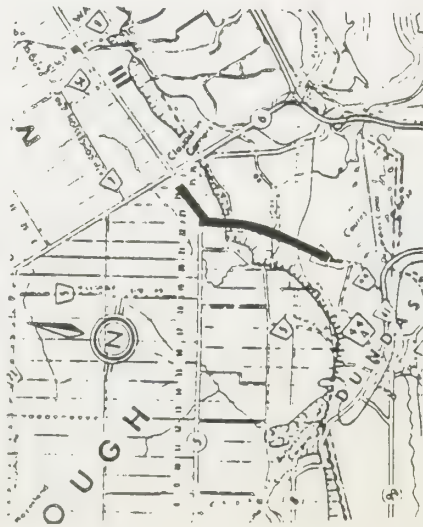
TOTAL	110,000
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Need for Project

To supply water to Flamborough to allow new residential and industrial development, as well as upgrading the supply to existing development to meet present day standards.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:

Prior To Budget

1982	60,000
1983	50,000
1984	
1985	
1986	
1987 & After	

Region	Received	Other Contrib	Total
110,000			110,000

60,000	60,000
50,000	50,000

TOTAL	110,000	110,000
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Effect on Current Budget

Debt Charges 23,600

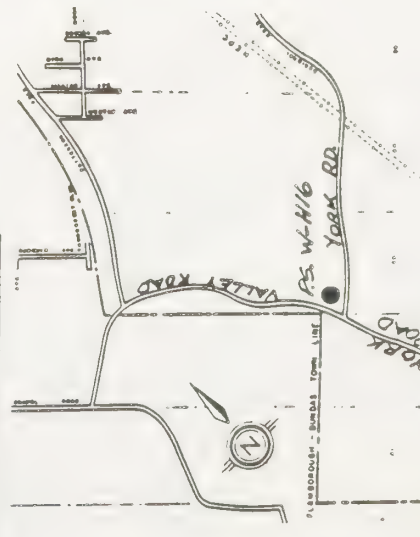
Annual Costs

TOTAL 23,600

FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 20751</p> <p>File Number: 816-26</p>	<p>Financial Report Page: 49</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>P.S. W-H16 - Engineering and Land Pumping Station to be ultimately equipped with four Pumps rated at 105 L/Sec. and 140 m T.D.H.</p> <p>Initial Pump Installation will consist of two Pumps at 53 L/Sec. and 150 m T.D.H.</p> <p><u>Municipality</u></p> <p>Dundas</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land</td> <td>10,000</td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other Engineering</td> <td>60,000</td> </tr> <tr> <td>TOTAL</td> <td>70,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>70,000</td> </tr> </table> <p>Amount to be Financed:</p> <table border="1"> <tr> <td>Regional W.R.</td> <td>70,000</td> </tr> <tr> <td>Property Owners</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>70,000</td> </tr> </table>	Design Land	10,000	Construction		Other Engineering	60,000	TOTAL	70,000	Subsidy Contributions		TOTAL	NIL	Net Cost	70,000	Regional W.R.	70,000	Property Owners		Other		TOTAL	70,000	<p><u>Need for Project</u></p> <p>To supply water to Flamborough to allow new residential and industrial development, as well as upgrading the supply to existing development to meet present day standards.</p>																				
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<p><u>Map to Locate Project</u></p> 		<p><u>Additional Information</u></p>																																										
<p><u>Cash Flow</u></p> <table border="1"> <thead> <tr> <th>O.M.B. Required Expenditures:</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td>50,000</td> <td></td> <td>50,000</td> </tr> <tr> <td>1983</td> <td>20,000</td> <td></td> <td>20,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>70,000</td> <td></td> <td>70,000</td> </tr> </tbody> </table>		O.M.B. Required Expenditures:	Region	Other Contrib	Total	Prior To Budget				1982	50,000		50,000	1983	20,000		20,000	1984				1985				1986				1987 & After				TOTAL	70,000		70,000	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>15,000</td> </tr> <tr> <td>Annual Costs</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>15,000</td> </tr> </table>	Debt Charges	15,000	Annual Costs		TOTAL	15,000
O.M.B. Required Expenditures:	Region	Other Contrib	Total																																									
Prior To Budget																																												
1982	50,000		50,000																																									
1983	20,000		20,000																																									
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TOTAL	70,000		70,000																																									
Debt Charges	15,000																																											
Annual Costs																																												
TOTAL	15,000																																											



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 21751 File Number:	Financial Report Page: 49 Appendix Page:
<u>Project Description</u> District W-H4 Trunk Watermain - Pumping Station W-H4 to Gray's Road 400 mm Watermain along T.H. & B. Right-of-Way from Greenhill Avenue to Gray's Road <u>Municipality</u> Hamilton	<u>Capital Cost Estimate</u> Design Land Construction 600,000 Other TOTAL 600,000 Subsidy Contributions TOTAL NIL Net Cost 600,000 Amount to be Financed: Regional W.R. Property Owners Other TOTAL 600,000	<u>Need for Project</u> The existing distribution network between King Street and the escarpment cannot supply adequate pressure for all operating conditions. <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required Expenditures: Prior To Budget 1982 300,000 1983 300,000 1984 1985 1986 1987 & After TOTAL 600,000 Received Other Contrib Total 300,000 300,000 600,000	<u>Effect on Current Budget</u> Debt Charges 128,800 Annual Costs TOTAL 128,800

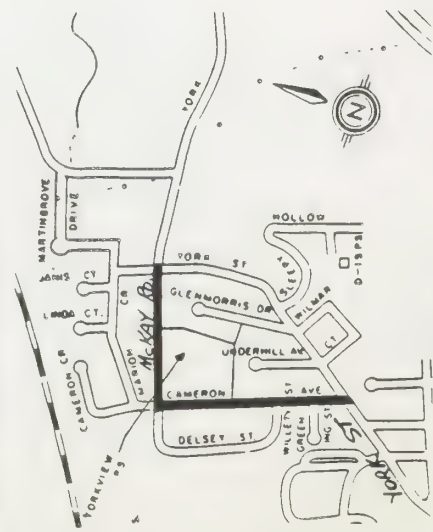


FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 29720-A File Number: 823-12	Financial Report Page: 49 Appendix Page:
<u>Project Description</u> Woodward Avenue Treatment Plant - Waste Water Treatment - Construction Installation of Facilities to treat Backwash Water	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL 1,250,000 1,250,000 200,000 1,050,000 Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL 1,050,000 1,050,000	<u>Need for Project</u> To reduce the discharge of solids from the backwash water now discharged to the Red Hill Creek.
<u>Municipality</u> Hamilton	<u>Additional Information</u>	
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 500,000 550,000 200,000 1,050,000 200,000 1,250,000	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL 225,400 225,400

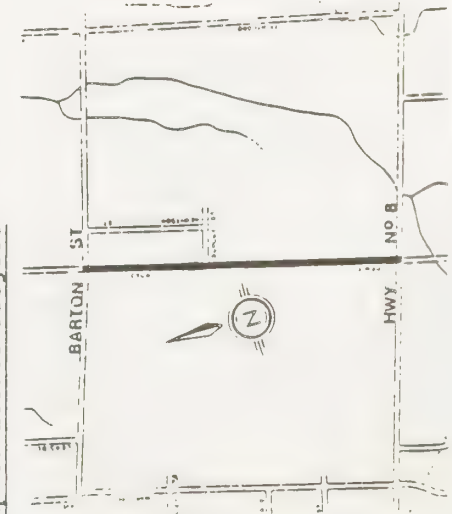
<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 21784</p> <p>File Number:</p>	<p>Financial Report Page: 49</p> <p>Appendix Page:</p>																																				
<p><u>Project Description</u></p> <p>Cameron Avenue and McKay Road - Watermain Installation</p> <p>300 mm Watermain on Cameron Avenue from York Road to McKay Road and on McKay Road from Cameron Avenue to York Road</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>166,000</td> </tr> <tr> <td>TOTAL</td> <td>166,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> <tr> <td>Net Cost</td> <td>166,000</td> </tr> <tr> <td>Amount to be Financed: Regional W.R. Property Owners Other</td> <td>166,000</td> </tr> <tr> <td>TOTAL</td> <td>166,000</td> </tr> </table>	Design Land Construction Other	166,000	TOTAL	166,000	Subsidy Contributions	NIL	TOTAL	NIL	Net Cost	166,000	Amount to be Financed: Regional W.R. Property Owners Other	166,000	TOTAL	166,000	<p><u>Need for Project</u></p> <p>The proposed installation will reinforce the distribution network in eastern Dundas and provide additional capacity to supply the proposed pumping station W-H16 which will service Flamborough.</p>																						
Design Land Construction Other	166,000																																					
TOTAL	166,000																																					
Subsidy Contributions	NIL																																					
TOTAL	NIL																																					
Net Cost	166,000																																					
Amount to be Financed: Regional W.R. Property Owners Other	166,000																																					
TOTAL	166,000																																					
<p><u>Municipality</u></p> <p>Dundas</p>	<p><u>Additional Information</u></p>	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>35,600</td> </tr> <tr> <td>Annual Costs</td> <td>1,400</td> </tr> <tr> <td>TOTAL</td> <td>37,000</td> </tr> </table>	Debt Charges	35,600	Annual Costs	1,400	TOTAL	37,000																														
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<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table border="1"> <tr> <th>O.M.B. Required Expenditures:</th> <th>Region</th> <th>Received Other Contrib</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td>166,000</td> <td></td> <td>166,000</td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>166,000</td> <td></td> <td>166,000</td> </tr> </table>	O.M.B. Required Expenditures:	Region	Received Other Contrib	Total	Prior To Budget				1982	166,000		166,000	1983				1984				1985				1986				1987 & After				TOTAL	166,000		166,000	
O.M.B. Required Expenditures:	Region	Received Other Contrib	Total																																			
Prior To Budget																																						
1982	166,000		166,000																																			
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1987 & After																																						
TOTAL	166,000		166,000																																			



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 21728 File Number: 804-05	Financial Report Page: 50 Appendix Page:
Project Description DeWitt Road from Hwy. #8 to Barton Street Trunk Watermain - Engineering 600 mm Diameter Trunk Watermain Municipality Stoney Creek	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost 50,000 50,000 Amount to be Financed: Regional W.R. Property Owners Other TOTAL 50,000 50,000 50,000	Need for Project To supply water to reservoir W-H1C on DeWitt Road. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 50,000 50,000 50,000 50,000 50,000 50,000 50,000	Effect on Current Budget Debt Charges Annual Costs TOTAL N/A

FIVE YEAR CAPITAL BUDGET

1982 - 1986

210

Department/Agency: Engineering
Function: Waterworks

Project Number: 21785
File Number:

Financial Report Page: 50
Appendix Page:

Project Description

King Street (Dundas) - Watermain Installation

400 mm Watermain on King Street from East Street to Olympic Drive

300 mm Watermain on Olympic Drive from King Street to approximately 165 m Northerly

Municipality

Dundas

Capital Cost Estimate

Design Land Construction Other	245,000
TOTAL	245,000

Subsidy Contributions	NIL
TOTAL	245,000

Net Cost	245,000
Amount to be Financed:	
Regional W.R.	245,000
Property Owners Other	
TOTAL	245,000

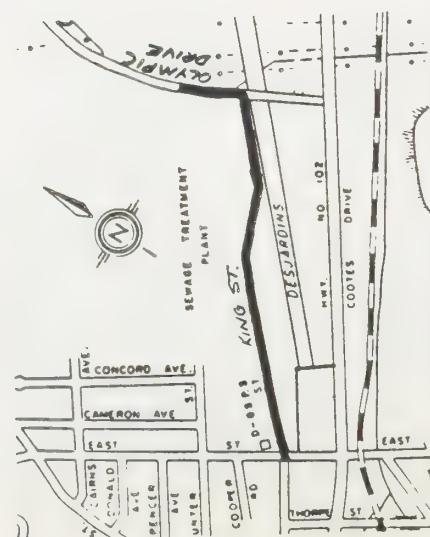
Need for Project

This installation will reinforce the District Hill network in conjunction with the Flamborough water supply project.

Additional Information

The proposed installation will also become the discharge main for the future pumping station W-H11A which will be constructed at the northwest corner of Olympic Drive and King Street.

Map to Locate Project



Cash Flow

O.M.B. Required Expenditures:	Region	Other Contrib	Total
Prior To Budget			
1982	245,000		245,000
1983			
1984			
1985			
1986			
1987 & After			
TOTAL	245,000		245,000

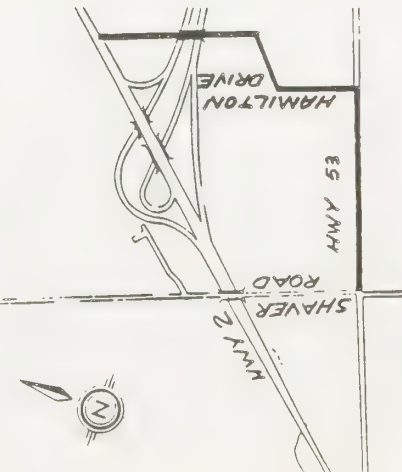
Effect on Current Budget

Debt Charges	52,600
Annual Costs	1,500
TOTAL	54,100



FIVE YEAR CAPITAL BUDGET

1982 - 1986


Department/Agency: Engineering Function: Waterworks	Project Number: 29763A File Number: 808-13	Financial Report Page: 50 Appendix Page: A12
Project Description Hwy. #53 - Shaver's Road to Hamilton Drive and Hamilton Drive from Hwy. #53 to Hwy. #2 - Construction 400 mm Watermains	Capital Cost Estimate Design Land Construction 634,000 Other TOTAL 634,000 Subsidy Contributions TOTAL NIL Net Cost 634,000 Amount to be Financed: Regional W.R. 534,000 Property Owners 100,000 Other TOTAL 634,000	Need for Project To supply water to abutting lands and industrial development at Duff's Corner.
Municipality Ancaster		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior To Budget 1982 234,000 1983 300,000 1984 100,000 1985 100,000 1986 100,000 1987 & After 100,000 TOTAL 534,000 Other Contrib TOTAL 634,000	Effect on Current Budget Debt Charges 114,600 Annual Costs 2,100 TOTAL 116,700




FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 20727 A</p> <p>File Number: 816-15</p>	<p>Financial Report Page: 50</p> <p>Appendix Page:</p>																																						
<p><u>Project Description</u></p> <p>Pumping Station W-F1 (Reconstruction) - Construction</p> <p>Pumping Station with two Pumps @ 225 L/Sec. and one Pump @ 40 L/Sec., plus Standby Power</p> <p><u>Municipality</u></p> <p>Flamborough</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table> <p>Subsidy Contributions</p> <table><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>400,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional W.R.</td><td>400,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table>	Design		Land		Construction	400,000	Other		TOTAL	400,000	TOTAL	NIL	Net Cost	400,000	Regional W.R.	400,000	Property Owners		Other		TOTAL	400,000	<p><u>Need for Project</u></p> <p>The existing pumping station does not meet present day standards, both in capacity and reliability.</p> <p><u>Additional Information</u></p>																
Design																																								
Land																																								
Construction	400,000																																							
Other																																								
TOTAL	400,000																																							
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Regional W.R.	400,000																																							
Property Owners																																								
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<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1981</p> <table><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr><tr><td>1982</td><td>200,000</td><td></td><td>200,000</td></tr><tr><td>1983</td><td>200,000</td><td></td><td>200,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>400,000</td><td></td><td>400,000</td></tr></table>	Prior To Budget	Region	Other Contrib	Total	1982	200,000		200,000	1983	200,000		200,000	1984				1985				1986				1987 & After				TOTAL	400,000		400,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>85,700</td></tr><tr><td>Annual Costs</td><td>5,000</td></tr><tr><td>TOTAL</td><td>90,700</td></tr></table>	Debt Charges	85,700	Annual Costs	5,000	TOTAL	90,700
Prior To Budget	Region	Other Contrib	Total																																					
1982	200,000		200,000																																					
1983	200,000		200,000																																					
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Department/Agency: Engineering Function: Waterworks	Project Number: 20750A File Number: 823-33	Financial Report Page: 50 Appendix Page: A13																																
<u>Project Description</u> Waterdown Trunk Watermain - Construction 600 mm on York Road and Valley Road	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design Land</td> <td>1,710,000</td> </tr> <tr> <td>Construction Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,710,000</td> </tr> </table>	Design Land	1,710,000	Construction Other		TOTAL	1,710,000	<u>Need for Project</u> To supply water to Flamborough to allow new residential and industrial development, as well as upgrading the supply to existing development to meet present day standards.																										
Design Land	1,710,000																																	
Construction Other																																		
TOTAL	1,710,000																																	
<u>Municipality</u>	Subsidy Contributions Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	<u>Additional Information</u>																																
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1981 Expenditures: <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> <tr> <td>1983</td> <td>1,410,000</td> <td>100,000</td> <td>1,510,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,610,000</td> <td>100,000</td> <td>1,710,000</td> </tr> </tbody> </table>	Prior To Budget	Region	Other Contrib	Total	1982	200,000		200,000	1983	1,410,000	100,000	1,510,000	1984				1985				1986				1987 & After				TOTAL	1,610,000	100,000	1,710,000	<u>Effect on Current Budget</u> Debt Charges 345,600 Annual Costs 7,000 TOTAL 352,600
Prior To Budget	Region	Other Contrib	Total																															
1982	200,000		200,000																															
1983	1,410,000	100,000	1,510,000																															
1984																																		
1985																																		
1986																																		
1987 & After																																		
TOTAL	1,610,000	100,000	1,710,000																															

FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering
Function: Waterworks

Project Description

P.S. W-H16 - Construction

Pumping Station to be ultimately equipped with four pumps rated at 105 L/Sec. and 140 m T.D.H.

Initial Pump Installation will consist of two pumps at 53 L/Sec. and 150 m T.D.H.

Municipality

Dundas

Project Number: 20751A
File Number: 816-26

Financial Report Page: 50
Appendix Page:

Capital Cost Estimate

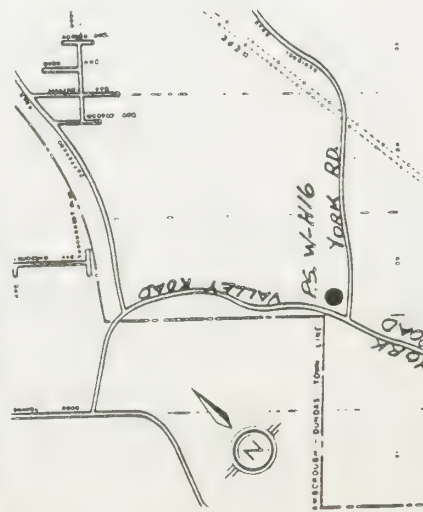
Design	
Land	
Construction	860,000
Other	
TOTAL	860,000
Subsidy M.O.E.	100,000
Contributions	
TOTAL	100,000
Net Cost	760,000
Amount to be Financed:	
Regional W.R.	760,000
Property Owners	
Other	
TOTAL	760,000

Need for Project

To supply water to Flamborough to allow new residential and industrial development, as well as upgrading the supply to existing development to meet present day standards.

Additional Information

Map to Locate Project



Cash Flow

O.M.B. Required	1981		
Expenditures:		Region	Other Contrib
Prior To Budget			Total
1982	330,000		330,000
1983	430,000	100,000	530,000
1984			
1985			
1986			
1987 & After			
TOTAL	760,000	100,000	860,000

Effect on Current Budget

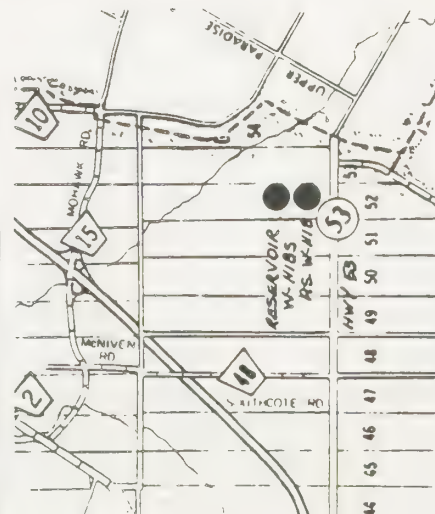
Debt Charges	163,100
Annual Costs	10,000
TOTAL	173,100



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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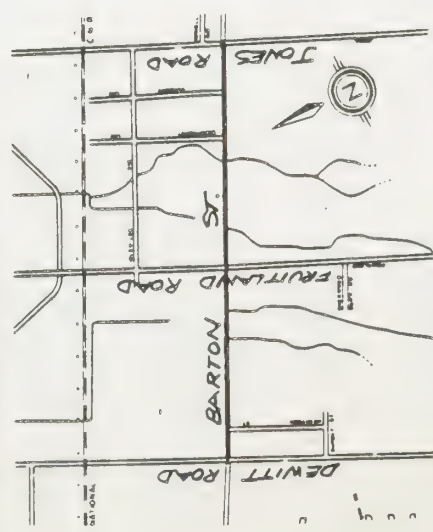
Department/Agency: Engineering Function: Waterworks	Project Number: 21783 File Number: 818-18	Financial Report Page: 51 Appendix Page:
Project Description Reservoir W-H18S - Ancaster - Engineering 34000 M ³ Ground Storage Reservoir to be located at Site of P.S. W-H18	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost NIL 130,000 Amount to be Financed: Regional W.R. Property Owners Other TOTAL 130,000	Need for Project The existing elevated tanks located in Ancaster provide insufficient storage for the system requirements. Consequently, additional storage is required to permit new residential and industrial growth.
Municipality Ancaster		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1981 Expenditures: Prior To Budget 1982 100,000 1983 30,000 1984 30,000 1985 1986 1987 & After TOTAL 130,000 Region Contrib 100,000 30,000 30,000 Total 100,000 30,000 130,000	Effect on Current Budget Debt Charges 27,900 Annual Costs N/A TOTAL 27,900



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 22743 File Number:	Financial Report Page: 51 Appendix Page: All
Project Description Barton Street Watermain - Dewitt Road to Jones Road - Engineering 750 mm Trunk Watermain	Capital Cost Estimate Design Land Construction Other 80,000 TOTAL 80,000 Subsidy Contributions TOTAL NIL Net Cost 80,000 Amount to be Financed: Regional W.R. Property Owners Other 80,000 TOTAL 80,000	Need for Project The proposed watermain will be required to supply new industrial development east of Jones Road, and provide for 1983 contemplated road reconstruction.
Municipality Stoney Creek		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1982 Expenditures: Prior To Budget 1982 80,000 1983 1984 1985 1986 1987 & After TOTAL 80,000	Effect on Current Budget Debt Charges 17,200 Annual Costs N/A TOTAL 17,200



FIVE YEAR CAPITAL BUDGET

1982 - 1986

<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 2274</p> <p>File Number:</p>	<p>Financial Report Page: 51</p> <p>Appendix Page:</p>																																						
<p><u>Project Description</u></p> <p>Woodward Avenue Water Treatment Plant - Storage Building</p> <p>Modification to Existing Chemical Building to provide Storage</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>82,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>82,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>Net Cost</p> <p>Amount to be Financed:</p> <table><tr><td>Regional W.R.</td><td>82,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>82,000</td></tr></table>	Design		Land		Construction	82,000	Other		TOTAL	82,000	Regional W.R.	82,000	Property Owners		Other		TOTAL	82,000	<p><u>Need for Project</u></p> <p>To provide storage space and utilize an existing building.</p>																				
Design																																								
Land																																								
Construction	82,000																																							
Other																																								
TOTAL	82,000																																							
Regional W.R.	82,000																																							
Property Owners																																								
Other																																								
TOTAL	82,000																																							
<p><u>Municipality</u></p>		<p><u>Additional Information</u></p>																																						
<p><u>Map to Locate Project</u></p>	<p><u>Cash Flow</u></p> <p>O.M.B. Required 1982 Expenditures:</p> <table><thead><tr><th>Prior To Budget</th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td>82,000</td><td></td><td>82,000</td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>82,000</td><td></td><td>82,000</td></tr></tbody></table>	Prior To Budget	Region	Other Contrib	Total	1982	82,000		82,000	1983				1984				1985				1986				1987 & After				TOTAL	82,000		82,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>17,600</td></tr><tr><td>Annual Costs</td><td>N/A</td></tr><tr><td>TOTAL</td><td>17,600</td></tr></table>	Debt Charges	17,600	Annual Costs	N/A	TOTAL	17,600
Prior To Budget	Region	Other Contrib	Total																																					
1982	82,000		82,000																																					
1983																																								
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1987 & After																																								
TOTAL	82,000		82,000																																					
Debt Charges	17,600																																							
Annual Costs	N/A																																							
TOTAL	17,600																																							



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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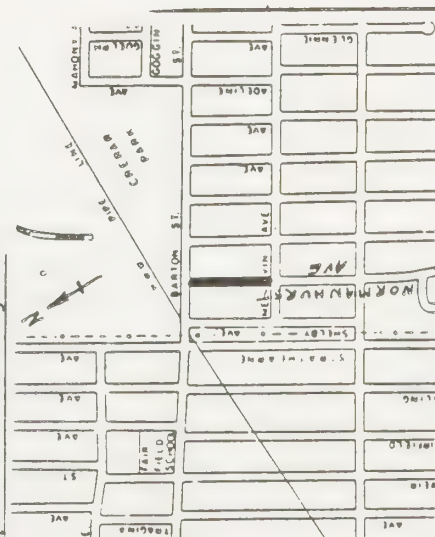
Department/Agency: Engineering Function: Waterworks	Project Number: 22747 File Number:	Financial Report Page: 51 Appendix Page: A10
<u>Project Description</u> Woodward Avenue Water Treatment Plant Chlorination - Engineering and Land New Railway Siding and Chlorination Building <u>Municipality</u>	<u>Capital Cost Estimate</u> Design 40,000 Land Construction 30,000 Other - Engineering TOTAL 70,000 Subsidy Contributions TOTAL 70,000 Net Cost 70,000 Amount to be Financed: Regional W.R. 70,000 Property Owners Other TOTAL 70,000	<u>Need for Project</u> Cost savings from bulk purchasing and less labour intensive system. Note: 50% in sewage works <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1982 Expenditures: Prior Region Other To Budget Contrib Total 1982 70,000 70,000 1983 1984 1985 1986 1987 & After TOTAL 70,000 70,000	<u>Effect on Current Budget</u> Debt Charges 15,000 Annual Costs TOTAL 15,000



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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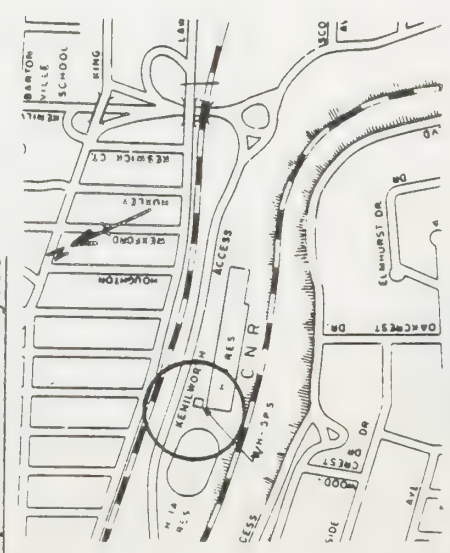
Department/Agency: Engineering Function: Waterworks	Project Number: 22748 File Number:	Financial Report Page: 51 Appendix Page: A15
Project Description Normanhurst Avenue from Melvin Avenue to Barton Street 150 mm Watermain Municipality	Capital Cost Estimate Design Land Construction 72,000 Other TOTAL 72,000 Subsidy Contributions TOTAL NIL Net Cost 72,000 Amount to be Financed: Regional W.R. Property Owners 72,000 Other TOTAL 72,000	Need for Project Existing main has a high failure rate. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1982 Expenditures: Prior To Budget 1982 72,000 1983 1984 1985 1986 1987 & After TOTAL 72,000	Effect on Current Budget Debt Charges 15,500 Annual Costs TOTAL 15,500



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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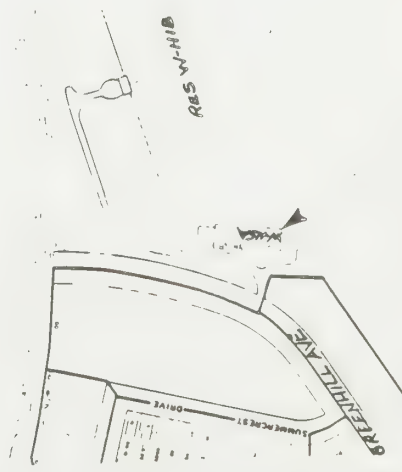
Department/Agency: Engineering Function: Waterworks	Project Number: 2 745 File Number:	Financial Report Page: 51 Appendix Page: A7																																				
Project Description Chlorination Pumping Station W-H5 - Kenilworth Access Construction of Building Installation of Chlorination Facilities at Pumping Station W-H5 Municipality Hamilton	Capital Cost Estimate <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>500,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table> <table><tr><td>Subsidy</td><td></td></tr><tr><td>Contributions</td><td>NIL</td></tr><tr><td>TOTAL</td><td></td></tr></table> <table><tr><td>Net Cost</td><td>500,000</td></tr></table> <table><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R.T.</td><td>500,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>500,000</td></tr></table>	Design		Land	500,000	Construction		Other		TOTAL	500,000	Subsidy		Contributions	NIL	TOTAL		Net Cost	500,000	Amount to be Financed:		Regional W.R.T.	500,000	Property Owners		Other		TOTAL	500,000	Need for Project To assume disinfection of water supply above the escarpment. Additional Information								
Design																																						
Land	500,000																																					
Construction																																						
Other																																						
TOTAL	500,000																																					
Subsidy																																						
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TOTAL	500,000																																					
Map to Locate Project 	Cash Flow <table><tr><td>O.M.B. Required</td><td>1982</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior To Budget</td><td></td><td></td></tr><tr><td>1982</td><td>200,000</td><td>200,000</td></tr><tr><td>1983</td><td>300,000</td><td>300,000</td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td></tr><tr><td>TOTAL</td><td>500,000</td><td>500,000</td></tr></table>	O.M.B. Required	1982		Expenditures:			Prior To Budget			1982	200,000	200,000	1983	300,000	300,000	1984			1985			1986			1987 & After			TOTAL	500,000	500,000	Effect on Current Budget <table><tr><td>Debt Charges</td><td>107,300</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>107,300</td></tr></table>	Debt Charges	107,300	Annual Costs		TOTAL	107,300
O.M.B. Required	1982																																					
Expenditures:																																						
Prior To Budget																																						
1982	200,000	200,000																																				
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1986																																						
1987 & After																																						
TOTAL	500,000	500,000																																				
Debt Charges	107,300																																					
Annual Costs																																						
TOTAL	107,300																																					



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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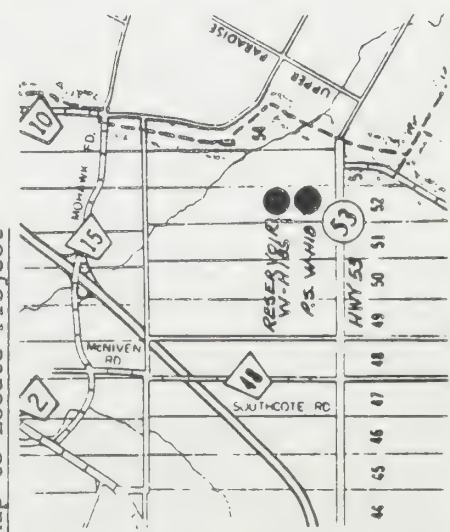
Department/Agency: Engineering Function: Waterworks	Project Number: 29755A File Number: 816-24	Financial Report Page: 52 Appendix Page: A7																								
Project Description P.S. W-H5A: Installation of Pump #3 - Construction - Pump 875 L/Sec.	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>430,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>430,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>60,000</td></tr><tr><td>TOTAL</td><td>60,000</td></tr><tr><td>Net Cost</td><td>370,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R. Property Owners</td><td>370,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>370,000</td></tr></table>	Design		Land	430,000	Construction		Other		TOTAL	430,000	Subsidy M.O.E. Contributions	60,000	TOTAL	60,000	Net Cost	370,000	Amount to be Financed:		Regional W.R. Property Owners	370,000	Other		TOTAL	370,000	Need for Project The installation of this pump will coincide with the completion of the trunk watermain above the escarpment, thereby providing sufficient firm pumping capacity for District W-H5. Presently, the maximum day demand for this District exceeds the firm pumping capacity.
Design																										
Land	430,000																									
Construction																										
Other																										
TOTAL	430,000																									
Subsidy M.O.E. Contributions	60,000																									
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Net Cost	370,000																									
Amount to be Financed:																										
Regional W.R. Property Owners	370,000																									
Other																										
TOTAL	370,000																									
Municipality		Additional Information																								
Map to Locate Project 	Effect on Current Budget <table border="1"><tr><td>Debt Charges</td><td>79,400</td></tr><tr><td>Annual Costs</td><td>5,000</td></tr><tr><td>TOTAL</td><td>84,400</td></tr></table>	Debt Charges	79,400	Annual Costs	5,000	TOTAL	84,400																			
Debt Charges	79,400																									
Annual Costs	5,000																									
TOTAL	84,400																									



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 21783A</p> <p>File Number: 818-14</p>	<p>Financial Report Page: 52</p> <p>Appendix Page: A10</p>																																										
<p><u>Project Description</u></p> <p>Reservoir W-H18S - Ancaster - Construction</p> <p>34000 M³ Ground Storage Reservoir, to be located at Pumping Station W-H18 Site on Hwy. 53, will provide storage for Pressure District W-H18.</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land Construction Other</td><td>1,950,000</td></tr><tr><td>TOTAL</td><td>1,950,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>200,000</td></tr><tr><td>TOTAL</td><td>200,000</td></tr><tr><td>Net Cost</td><td>200,000</td></tr><tr><td>1,750,000</td><td></td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional W.R. Property Owners Other</td><td>1,750,000</td></tr><tr><td>TOTAL</td><td>1,750,000</td></tr></table>	Design Land Construction Other	1,950,000	TOTAL	1,950,000	Subsidy M.O.E. Contributions	200,000	TOTAL	200,000	Net Cost	200,000	1,750,000		Regional W.R. Property Owners Other	1,750,000	TOTAL	1,750,000	<p><u>Need for Project</u></p> <p>The existing elevated tanks in Ancaster provide insufficient storage for the system requirements. Consequently, additional storage is required to permit new residential growth.</p> <p><u>Additional Information</u></p>																										
Design Land Construction Other	1,950,000																																											
TOTAL	1,950,000																																											
Subsidy M.O.E. Contributions	200,000																																											
TOTAL	200,000																																											
Net Cost	200,000																																											
1,750,000																																												
Regional W.R. Property Owners Other	1,750,000																																											
TOTAL	1,750,000																																											
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table><tr><td>O.M.B. Required Expenditures:</td><td>1982</td><td>Other</td><td>Total</td></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td>1,100,000</td><td></td><td>1,100,000</td></tr><tr><td>1983</td><td>650,000</td><td>200,000</td><td>850,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,750,000</td><td>200,000</td><td>1,950,000</td></tr></table>	O.M.B. Required Expenditures:	1982	Other	Total	Prior To Budget				1982	1,100,000		1,100,000	1983	650,000	200,000	850,000	1984				1985				1986				1987 & After				TOTAL	1,750,000	200,000	1,950,000	<p><u>Effect on Current Budget</u></p> <table><tr><td>Debt Charges</td><td>375,700</td></tr><tr><td>Annual Costs</td><td>5,000</td></tr><tr><td>TOTAL</td><td>380,700</td></tr></table>	Debt Charges	375,700	Annual Costs	5,000	TOTAL	380,700
O.M.B. Required Expenditures:	1982	Other	Total																																									
Prior To Budget																																												
1982	1,100,000		1,100,000																																									
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Debt Charges	375,700																																											
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Department/Agency: Engineering Function: Waterworks	Project Number: 22741 File Number:	Financial Report Page: 52 Appendix Page:																																										
Project Description Pumping Station W-H18 - Installation of Pump Nos. 3 & 4 1 Pump @ 260 L/Sec. with 60 m T.D.H. 1 Pump @ 130 L/Sec. with 60 m T.D.H. Municipality Ancaster	Capital Cost Estimate <table border="1"> <tr> <td>Design Land Construction Other</td> <td>370,000</td> </tr> <tr> <td>TOTAL</td> <td>370,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td>50,000</td> </tr> <tr> <td>TOTAL</td> <td>50,000</td> </tr> <tr> <td>Net Cost</td> <td>320,000</td> </tr> <tr> <td>Amount to be Financed: Regional W.R. Property Owners Other</td> <td>320,000</td> </tr> <tr> <td>TOTAL</td> <td>320,000</td> </tr> </table>	Design Land Construction Other	370,000	TOTAL	370,000	Subsidy Contributions	50,000	TOTAL	50,000	Net Cost	320,000	Amount to be Financed: Regional W.R. Property Owners Other	320,000	TOTAL	320,000	Need for Project To complete the development of this pumping station which will be capable of meeting the water requirements until 2000. Additional Information																												
Design Land Construction Other	370,000																																											
TOTAL	370,000																																											
Subsidy Contributions	50,000																																											
TOTAL	50,000																																											
Net Cost	320,000																																											
Amount to be Financed: Regional W.R. Property Owners Other	320,000																																											
TOTAL	320,000																																											
Map to Locate Project 	Cash Flow <table border="1"> <tr> <th>O.M.B. Required Expenditures:</th> <th>1982</th> <th>Other Contrib</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> <tr> <td>1983</td> <td>120,000</td> <td></td> <td>120,000</td> </tr> <tr> <td>1984</td> <td></td> <td>50,000</td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>320,000</td> <td>50,000</td> <td>370,000</td> </tr> </table>	O.M.B. Required Expenditures:	1982	Other Contrib	Total	Prior To Budget				1982	200,000		200,000	1983	120,000		120,000	1984		50,000		1985				1986				1987 & After				TOTAL	320,000	50,000	370,000	Effect on Current Budget <table border="1"> <tr> <td>Debt Charges</td> <td>68,700</td> </tr> <tr> <td>Annual Costs</td> <td>8,000</td> </tr> <tr> <td>TOTAL</td> <td>76,700</td> </tr> </table>	Debt Charges	68,700	Annual Costs	8,000	TOTAL	76,700
O.M.B. Required Expenditures:	1982	Other Contrib	Total																																									
Prior To Budget																																												
1982	200,000		200,000																																									
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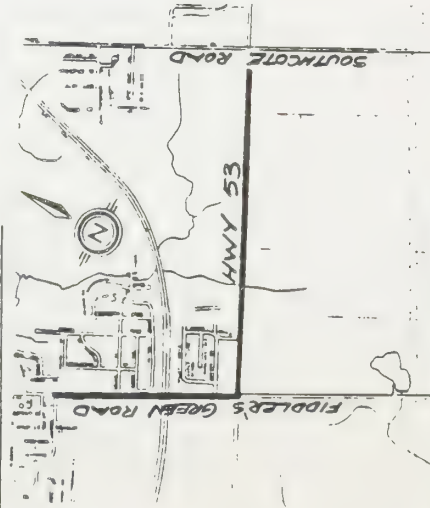
FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 21780 File Number: 808-14	Financial Report Page: 52 Appendix Page: A12
Project Description Hwy. #53 - 107 m West of Southcote Road to Fiddler's Green Road and on Fiddler's Green Road from Hwy. #53 to Cumming Court - Engineering 400 mm Watermain	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	Need for Project Phase II of improvements to Ancaster distribution system to supply water from Hamilton network. Additional Information
Municipality Ancaster	Cash Flow O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL

Map to Locate Project





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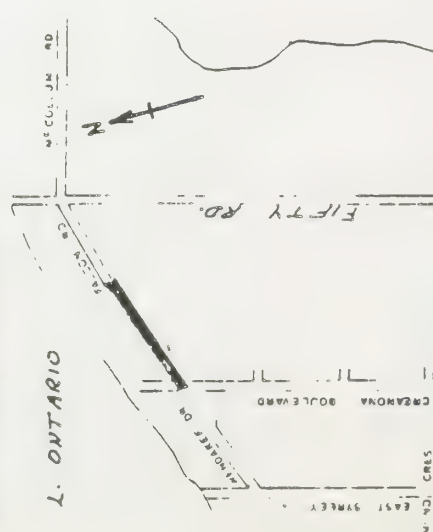
Department/Agency: Engineering Function: Waterworks	Project Number: 22747A File Number:	Financial Report Page: 52 Appendix Page: A10																																				
<u>Project Description</u> Woodward Avenue Water Treatment Plant Chlorination - Construction New Railway Siding and Chlorination Building <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>400,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>400,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R. Property Owners</td><td>400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table>	Design		Land	400,000	Construction		Other		TOTAL	400,000	Subsidy Contributions		TOTAL	NIL	Net Cost	400,000	Amount to be Financed:		Regional W.R. Property Owners	400,000	Other		TOTAL	400,000	<u>Need for Project</u> Cost savings from bulk purchasing and less labour intensive system. Note: 50% in sewage works												
Design																																						
Land	400,000																																					
Construction																																						
Other																																						
TOTAL	400,000																																					
Subsidy Contributions																																						
TOTAL	NIL																																					
Net Cost	400,000																																					
Amount to be Financed:																																						
Regional W.R. Property Owners	400,000																																					
Other																																						
TOTAL	400,000																																					
<u>Cash Flow</u> <table border="1"><thead><tr><th>O.M.B. Required Expenditures:</th><th>1983</th><th>Other</th><th>Total</th></tr><tr><th>Prior To Budget</th><th>Region</th><th>Contrib</th><th></th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td>400,000</td><td></td><td>400,000</td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>400,000</td><td></td><td>400,000</td></tr></tbody></table>		O.M.B. Required Expenditures:	1983	Other	Total	Prior To Budget	Region	Contrib		1982				1983	400,000		400,000	1984				1985				1986				1987 & After				TOTAL	400,000		400,000	<u>Additional Information</u>
O.M.B. Required Expenditures:	1983	Other	Total																																			
Prior To Budget	Region	Contrib																																				
1982																																						
1983	400,000		400,000																																			
1984																																						
1985																																						
1986																																						
1987 & After																																						
TOTAL	400,000		400,000																																			
<u>Map to Locate Project</u>		<u>Effect on Current Budget</u> <table border="1"><tr><td>Debt Charges</td><td>85,800</td></tr><tr><td>Annual Costs</td><td></td></tr><tr><td>TOTAL</td><td>85,800</td></tr></table>	Debt Charges	85,800	Annual Costs		TOTAL	85,800																														
Debt Charges	85,800																																					
Annual Costs																																						
TOTAL	85,800																																					



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 2 737 File Number:	Financial Report Page: 52 Appendix Page: A14
Project Description Falcon Road from Creanona Boulevard to Approximately 280 m Easterly - Stoney Creek 200 mm Watermain Municipality	Capital Cost Estimate Design 10,000 Land 70,000 Construction 10,000 Other TOTAL 90,000 Subsidy Contributions TOTAL NIL Net Cost 90,000 Amount to be Financed: Regional W.R. 90,000 Property Owners Other TOTAL 90,000	Need for Project Reinforce network and increase security of supply. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1986 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 90,000	Effect on Current Budget Debt Charges 19,300 Annual Costs TOTAL 19,300



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Department/Agency: Engineering Function: Waterworks	Project Number: 23733 File Number: 811-06	Financial Report Page: 53 Appendix Page: A16																																						
Project Description Kelly Street Extension (across Park) from Hamilton Street to Main Street Watermain and Land 400 mm Diameter Trunk Watermain Municipality Flamborough	Capital Cost Estimate <table border="1"> <tr> <td>Design Land Construction Other</td> <td>79,000</td> </tr> <tr> <td>TOTAL</td> <td>79,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>79,000</td> </tr> <tr> <td>Net Cost</td> <td>79,000</td> </tr> <tr> <td>Amount to be Financed: Regional W.R. Property Owners Other</td> <td>79,000</td> </tr> <tr> <td>TOTAL</td> <td>79,000</td> </tr> </table>	Design Land Construction Other	79,000	TOTAL	79,000	Subsidy Contributions	NIL	TOTAL	79,000	Net Cost	79,000	Amount to be Financed: Regional W.R. Property Owners Other	79,000	TOTAL	79,000	Need for Project To reinforce the existing system to permit full utilization of pumping station and reservoirs at Kelly Street.																								
Design Land Construction Other	79,000																																							
TOTAL	79,000																																							
Subsidy Contributions	NIL																																							
TOTAL	79,000																																							
Net Cost	79,000																																							
Amount to be Financed: Regional W.R. Property Owners Other	79,000																																							
TOTAL	79,000																																							
Map to Locate Project 		Additional Information																																						
Cash Flow O.M.B. Required 1983 Expenditures: <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td>79,000</td> <td></td> <td>79,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>79,000</td> <td></td> <td>79,000</td> </tr> </tbody> </table>		Prior To Budget	Region	Other Contrib	Total	1982				1983	79,000		79,000	1984				1985				1986				1987 & After				TOTAL	79,000		79,000	Effect on Current Budget <table border="1"> <tr> <td>Debt Charges</td> <td>16,900</td> </tr> <tr> <td>Annual Costs</td> <td>200</td> </tr> <tr> <td>TOTAL</td> <td>17,100</td> </tr> </table>	Debt Charges	16,900	Annual Costs	200	TOTAL	17,100
Prior To Budget	Region	Other Contrib	Total																																					
1982																																								
1983	79,000		79,000																																					
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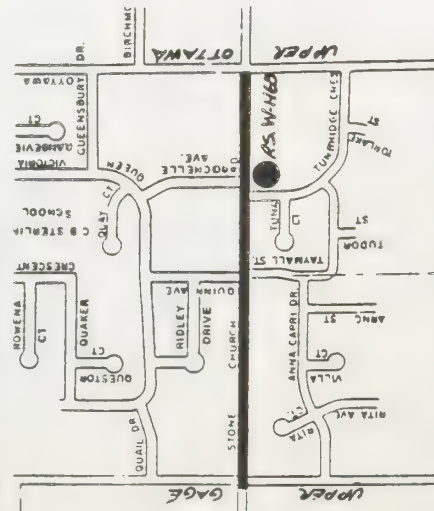
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Department/Agency: Engineering	Project Number: 23735	Financial Report Page: 53
Function: Waterworks	File Number: 819-38	Appendix Page: A15
Project Description Stone Church Road Trunk Watermain - Upper Ottawa to Upper Gage - Engineering 1200 mm Watermain on Stone Church Road from Upper Ottawa Street to P.S. W-H6B 900 mm Watermain on Stone Church Road	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	Need for Project Trunk watermain to be constructed in conjunction with pumping station W-H6B. Additional Information
Municipality Hamilton	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL

Map to Locate Project

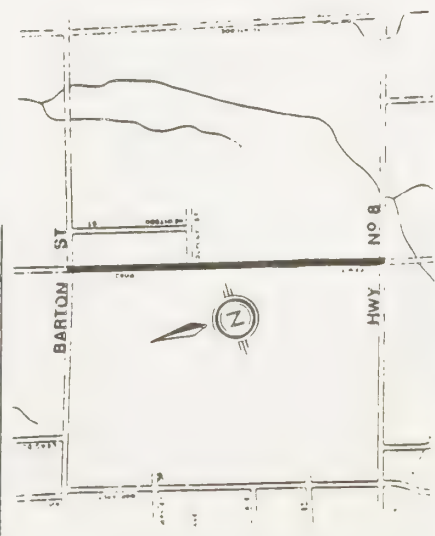


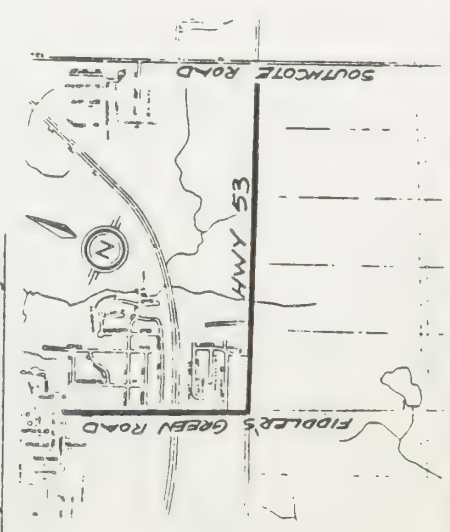


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Department/Agency: Engineering Function: Waterworks	Project Number: 21728A File Number: 804-05	Financial Report Page: 53 Appendix Page: A8
Project Description DeWitt Road from Hwy. #8 to Barton Street Trunk Watermain - Construction 600 mm Diameter Trunk Watermain	Capital Cost Estimate Design Land Construction Other 490,000 TOTAL 490,000 Subsidy Contributions TOTAL NIL Net Cost 490,000 Amount to be Financed: Regional W.R. Property Owners Other 490,000 TOTAL 490,000	Need for Project To supply water to reservoir W-H1C on DeWitt Road.
Municipality Stoney Creek		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1983 Expenditures: Region Other Contrib Total Prior To Budget 1982 170,000 170,000 1983 320,000 320,000 1984 320,000 320,000 1985 320,000 320,000 1986 320,000 320,000 1987 & After 490,000 490,000 TOTAL 490,000 490,000	Effect on Current Budget Debt Charges 105,200 Annual Costs 2,000 TOTAL 107,200

<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 21780A</p> <p>File Number: 808-14</p>	<p>Financial Report Page: 53</p> <p>Appendix Page: A16</p>																																														
<p><u>Project Description</u></p> <p>Hwy. 53 - 107 m West of Southcote Road to Fiddler's Green Road and on Fiddler's Green Road from Hwy. 53 to Cumming Court - Construction</p> <p>400 mm Watermain - Hwy. 53 from Southcote Road to Fiddler's Green Road</p> <p><u>Municipality</u></p> <p>Ancaster</p>	<p><u>Capital Cost Estimate</u></p> <table border="1"> <tr> <td>Design Land Construction Other</td> <td>1,100,000</td> </tr> <tr> <td>TOTAL</td> <td>1,100,000</td> </tr> </table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>1,100,000</p> <p>Net Cost</p> <p>Amount to be Financed:</p> <p>Regional W.R. 1,100,000</p> <p>Property Owners 100,000</p> <p>Other</p> <p>TOTAL 1,100,000</p>	Design Land Construction Other	1,100,000	TOTAL	1,100,000	<p><u>Need for Project</u></p> <p>Phase II of improvements to Ancaster distribution system to supply water from Hamilton network.</p> <p><u>Additional Information</u></p>																																										
Design Land Construction Other	1,100,000																																															
TOTAL	1,100,000																																															
<p><u>Map to Locate Project</u></p> 	<p><u>Cash Flow</u></p> <table border="1"> <thead> <tr> <th>O.M.B. Required</th> <th>1983</th> <th>Other</th> <th>Total</th> </tr> <tr> <th>Expenditures:</th> <th>Region</th> <th>Contrib</th> <th></th> </tr> </thead> <tbody> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td>500,000</td> <td></td> <td>500,000</td> </tr> <tr> <td>1983</td> <td>600,000</td> <td>100,000</td> <td>700,000</td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>1,100,000</td> <td>100,000</td> <td>1,200,000</td> </tr> </tbody> </table>	O.M.B. Required	1983	Other	Total	Expenditures:	Region	Contrib		Prior To Budget				1982	500,000		500,000	1983	600,000	100,000	700,000	1984				1985				1986				1987 & After				TOTAL	1,100,000	100,000	1,200,000	<p><u>Effect on Current Budget</u></p> <table border="1"> <tr> <td>Debt Charges</td> <td>236,100</td> </tr> <tr> <td>Annual Costs</td> <td>7,000</td> </tr> <tr> <td>TOTAL</td> <td>243,100</td> </tr> </table>	Debt Charges	236,100	Annual Costs	7,000	TOTAL	243,100
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FIVE YEAR CAPITAL BUDGET

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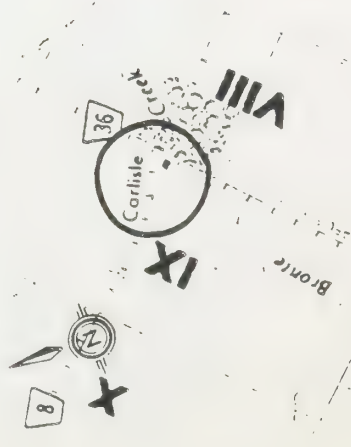
Department/Agency: Engineering Function: Waterworks	Project Number: 23740 File Number:	Financial Report Page: 53 Appendix Page: A10																																						
Project Description Communal Water Supply System - Village of Linden Well Drilling and System Design Exploratory Well Drilling and Engineering Design of Communal Water Supply System Municipality Flamborough	Capital Cost Estimate <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>100,000</td> </tr> <tr> <td>Other - Engineering</td> <td>100,000</td> </tr> <tr> <td>TOTAL</td> <td></td> </tr> <tr> <td>Subsidy Contributions</td> <td>NIL</td> </tr> <tr> <td>TOTAL</td> <td>100,000</td> </tr> <tr> <td>Net Cost</td> <td>100,000</td> </tr> <tr> <td>Amount to be Financed:</td> <td></td> </tr> <tr> <td>Regional W.R. Property Owners</td> <td>100,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>100,000</td> </tr> </table>	Design		Land		Construction	100,000	Other - Engineering	100,000	TOTAL		Subsidy Contributions	NIL	TOTAL	100,000	Net Cost	100,000	Amount to be Financed:		Regional W.R. Property Owners	100,000	Other		TOTAL	100,000	Need for Project Village of Linden, with the population of 650 persons, is presently served by private individual wells. The water quality and supply from the present wells is poor. Communal water supply is recommended for servicing the existing development.														
Design																																								
Land																																								
Construction	100,000																																							
Other - Engineering	100,000																																							
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Prior To Budget	Region	Other Contrib	Total																																					
1982																																								
1983	50,000		50,000																																					
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Debt Charges	21,500																																							
Annual Costs	N/A																																							
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 23742 File Number:	Financial Report Page: 53 Appendix Page: A10
<u>Project Description</u> Carlisle Elevated Water Reservoir - Engineering and Land 3000 m3 Elevated Storage Tank <u>Municipality</u> Flamborough	<u>Capital Cost Estimate</u> Design Land 20,000 Construction Other - Engineering 50,000 TOTAL 70,000 Subsidy Contributions TOTAL NIL 70,000 Net Cost 70,000 Amount to be Financed: Regional W.R. Property Owners Other TOTAL 70,000	<u>Need for Project</u> To supply the Village of Carlisle. <u>Additional Information</u>
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1983 Expenditures: Prior To Budget 1982 20,000 1983 50,000 1984 20,000 1985 50,000 1986 20,000 1987 & After 50,000 TOTAL 70,000	<u>Effect on Current Budget</u> Debt Charges 15,000 Annual Costs N/A TOTAL 15,000



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 23743A File Number:	Financial Report Page: 54 Appendix Page: All
<u>Project Description</u> Barton Street from DeWitt Road to Jones Road - Construction 750 mm Trunk Watermain	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional W.R.T. Property Owners Other TOTAL	<u>Need for Project</u> To provide service to industrial development and provide for road reconstruction.
<u>Municipality</u> Stoney Creek		<u>Additional Information</u>
<u>Map to Locate Project</u> 		<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p> <p><u>Project Description</u></p> <p>Computer Control - Woodward Avenue Water Treatment Plant</p> <p>Upgrade and Repair Existing Control System</p> <p><u>Municipality</u></p>	<p>Project Number: 23744</p> <p>File Number:</p> <p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land Construction Other</td><td>1,200,000</td></tr><tr><td>TOTAL</td><td>1,200,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>1,200,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R. Property Owners Other</td><td>1,200,000</td></tr><tr><td>TOTAL</td><td>1,200,000</td></tr></table> <p><u>Cash Flow</u></p> <table><tr><th>O.M.B. Required Expenditures:</th><th>1983</th><th>Other Contrib</th><th>Total</th></tr><tr><td>Prior To Budget</td><td></td><td></td><td></td></tr><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td>600,000</td><td></td><td>600,000</td></tr><tr><td>1984</td><td>600,000</td><td></td><td>600,000</td></tr><tr><td>1985</td><td></td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,200,000</td><td></td><td></td></tr></table>	Design Land Construction Other	1,200,000	TOTAL	1,200,000	Subsidy Contributions		TOTAL	NIL	Net Cost	1,200,000	Amount to be Financed:		Regional W.R. Property Owners Other	1,200,000	TOTAL	1,200,000	O.M.B. Required Expenditures:	1983	Other Contrib	Total	Prior To Budget				1982				1983	600,000		600,000	1984	600,000		600,000	1985				1986				1987 & After				TOTAL	1,200,000			<p>Financial Report Page: 54</p> <p>Appendix Page:</p> <p><u>Need for Project</u></p> <p>To replace obsolete equipment and reduce manpower.</p> <p><u>Additional Information</u></p>
Design Land Construction Other	1,200,000																																																					
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Map to Locate Project

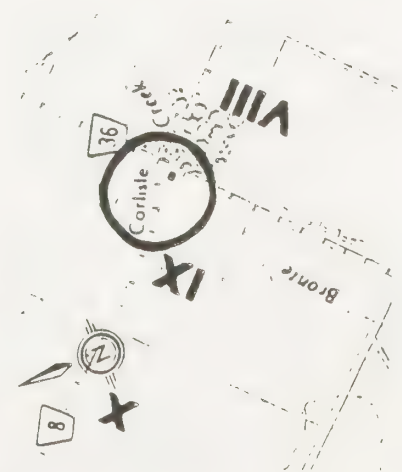
<u>Effect on Current Budget</u>	
Debt Charges	257,600
Annual Costs	
TOTAL	257,600



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 23742A File Number:	Financial Report Page: 54 Appendix Page: A10																																														
<u>Project Description</u> Carlisle Elevated Water Reservoir - Construction 300 m ³ Elevated Storage Tank <u>Municipality</u> Flamborough	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>450,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>450,000</td></tr><tr><td>Subsidy M.O.E. Contributions</td><td>60,000</td></tr><tr><td></td><td>100,000</td></tr><tr><td>TOTAL</td><td>160,000</td></tr><tr><td>Net Cost</td><td>290,000</td></tr><tr><td>Amount to be Financed: Regional W.R. Property Owners Other</td><td>290,000</td></tr><tr><td>TOTAL</td><td>290,000</td></tr></table>	Design		Land		Construction	450,000	Other		TOTAL	450,000	Subsidy M.O.E. Contributions	60,000		100,000	TOTAL	160,000	Net Cost	290,000	Amount to be Financed: Regional W.R. Property Owners Other	290,000	TOTAL	290,000	<u>Need for Project</u> To supply the Village of Carlisle. <u>Additional Information</u>																								
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 25748 File Number:	Financial Report Page: 54 Appendix Page: A16
Project Description Pleasantview Water Supply Preliminary Engineering System Design, Soils Investigation, Estimate Preparation, and Assessment of Benefit	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL 30,000 30,000 Subsidy Contributions TOTAL NIL 30,000 Net Cost Amount to be Financed: Regional WRT Property Owners Other TOTAL 30,000 30,000	Need for Project The ground water supply in the area is unsatisfactory for existing development. Additional Information
Municipality Dundas	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL 30,000 30,000 30,000 30,000	Effect on Current Budget Debt Charges Annual Costs TOTAL 6,400 N/A 6,400

Map to Locate Project

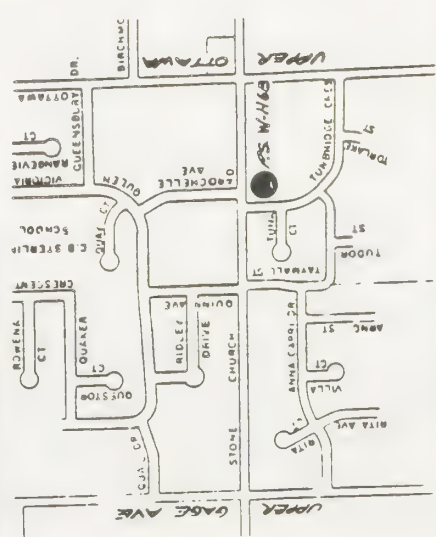




FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: 23736	Financial Report Page: 54
Function: Waterworks	File Number: 816-28	Appendix Page: A15
Project Description Pumping Station W-H6B on Stone Church Road at Tunbridge Crescent - Engineering 2 Pumps rated at 660 L/Sec. and 50 m T.D.H. Space will be provided for one additional pump.	Capital Cost Estimate Design Land Construction Other - Engineering TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	Need for Project Demand project by new development within District W-H6 is expected to exceed firm pumping capacity of P.S. W-H6A by 1984.
Municipality Hamilton		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1983 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL 15,000 N/A 15,000

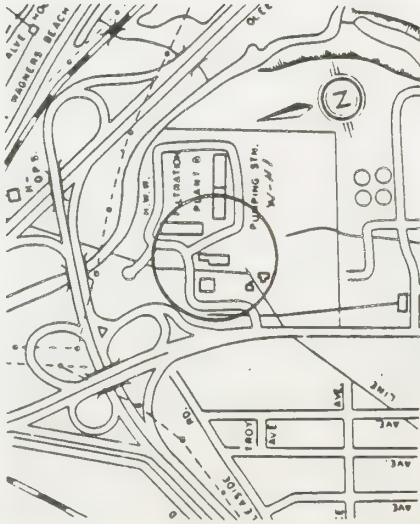


FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 25746 File Number:	Financial Report Page: 54 Appendix Page: A16
Project Description Lynden Water Supply Pumping Equipment, Storage and Trunk Main Municipality Flamborough	Capital Cost Estimate Design Land Construction Other 1,000,000 TOTAL 1,000,000 Subsidy M.O.E. Contributions 100,000 TOTAL 100,000 Net Cost 900,000 Amount to be Financed: Regional WRT 900,000 Property Owners Other TOTAL 900,000	Need for Project To improve supply to existing development and service people now on individual systems. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL Region Other Contrib Total 100,000 800,000 100,000 100,000 100,000 900,000 100,000 1,000,000	Effect on Current Budget Debt Charges 193,200 Annual Costs 10,000 TOTAL 203,200




Department/Agency: Engineering Function: Waterworks	Project Number: 25750 File Number:	Financial Report Page: 55 Appendix Page: A10																																																												
<u>Project Description</u> Surge Protection - Pumping Station W-H1 - Surge Valve and Elevated Tank - Engineering	<u>Capital Cost Estimate</u> <table style="width: 100%;"> <tr> <td>Design Land Construction Other - Engineering</td> <td style="text-align: right; border-top: 1px solid black;">50,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">50,000</td> </tr> <tr> <td>Subsidy Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">NIL</td> </tr> <tr> <td>Net Cost</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">50,000</td> </tr> <tr> <td>Amount to be Financed: Regional WRT Property Owners Other</td> <td style="text-align: right; border-top: 1px solid black;">50,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">50,000</td> </tr> </table>	Design Land Construction Other - Engineering	50,000	TOTAL	50,000	Subsidy Contributions		TOTAL	NIL	Net Cost	50,000	Amount to be Financed: Regional WRT Property Owners Other	50,000	TOTAL	50,000	<u>Need for Project</u> To reduce the risk of high pressure in watermains at pump stoppage.																																														
Design Land Construction Other - Engineering	50,000																																																													
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<u>Municipality</u> Hamilton	<u>Additional Information</u>																																																													
<u>Map to Locate Project</u> 	<u>Cash Flow</u> <table style="width: 100%;"> <thead> <tr> <th>O.M.B. Required</th> <th>1985</th> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Expenditures:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>50,000</td> <td></td> <td>50,000</td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td>50,000</td> <td></td> <td>50,000</td> </tr> </tbody> </table>		O.M.B. Required	1985	Prior To Budget	Region	Other Contrib	Total	Expenditures:									50,000		50,000	1982						1983						1984						1985						1986						1987 & After						TOTAL			50,000		50,000
O.M.B. Required	1985	Prior To Budget	Region	Other Contrib	Total																																																									
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		<u>Effect on Current Budget</u> <table style="width: 100%;"> <tr> <td>Debt Charges</td> <td style="text-align: right; border-top: 1px solid black;">10,700</td> </tr> <tr> <td>Annual Costs</td> <td style="text-align: right; border-top: 1px solid black;">1,000</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">11,700</td> </tr> </table>	Debt Charges	10,700	Annual Costs	1,000	TOTAL	11,700																																																						
Debt Charges	10,700																																																													
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 25749 File Number:	Financial Report Page: 55 Appendix Page: A16
Project Description Elevated Reservoir - Freelon - Engineering and Land 3000 m ³ Elevated Storage and Connection and Land	Capital Cost Estimate Design 20,000 Land Construction 50,000 Other - Engineering TOTAL 70,000 Subsidy Contributions TOTAL NIL Net Cost 70,000 Amount to be Financed: Regional W.R. 70,000 Property Owners Other TOTAL 70,000	Need for Project To improve the reliability and fire protection capability of the system.
Municipality Flamborough	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Additional Information
Map to Locate Project 	Effect on Current Budget Debt Charges 15,000 Annual Costs N/A TOTAL 15,000	



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 25749A File Number:	Financial Report Page: 55 Appendix Page: A16
<u>Project Description</u> Elevate Reservoir - Freelon - Construction 3000 m ³ Elevated Storage and Connection		
<u>Municipality</u>		
<u>Map to Locate Project</u> 		
<u>Capital Cost Estimate</u>		
Design Land Construction Other	650,000	
	650,000	
TOTAL		
Subsidy Contributions		
TOTAL		NIL
Net Cost		650,000
Amount to be Financed:		
Regional W.R. Property Owners Other		650,000
TOTAL		650,000
<u>Cash Flow</u>		
O.M.B. Required 1986	Region	Other Contrib Total
Expenditures:		
Prior To Budget		
1982		
1983		
1984		
1985		
1986	650,000	650,000
1987 & After		
TOTAL	650,000	650,000
<u>Need for Project</u> To improve the reliability and fire protection capability of the system.		
<u>Additional Information</u>		
<u>Effect on Current Budget</u>		
Debt Charges		139,500
Annual Costs		
TOTAL		139,500



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 26741 File Number:	Financial Report Page: 55 Appendix Page: A10																																
<u>Project Description</u> Pump and Standby Power for Well F4B - Greensville Pump to be installed in Existing Well and connected to Existing Distribution System - Standby Diesel and Building	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td>200,000</td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td></td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>200,000</td> </tr> </table> Amount to be Financed: Regional W.R. Property Owners Other	Design	200,000	Land		Construction		Other		TOTAL	200,000	Subsidy Contributions		TOTAL	NIL	Net Cost	200,000	<u>Need for Project</u> To supply adequate amount of water to Greensville area.																
Design	200,000																																	
Land																																		
Construction																																		
Other																																		
TOTAL	200,000																																	
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<u>Municipality</u>	<u>Additional Information</u>																																	
<u>Map to Locate Project</u> 	<u>Cash Flow</u> O.M.B. Required 1986 Expenditures: <table border="1"> <thead> <tr> <th>Prior To Budget</th> <th>Region</th> <th>Other Contrib</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>200,000</td> <td></td> <td>200,000</td> </tr> </tbody> </table>	Prior To Budget	Region	Other Contrib	Total	1982				1983				1984				1985				1986	200,000		200,000	1987 & After				TOTAL	200,000		200,000	<u>Effect on Current Budget</u> Debt Charges 42,900 Annual Costs 42,900 TOTAL
Prior To Budget	Region	Other Contrib	Total																															
1982																																		
1983																																		
1984																																		
1985																																		
1986	200,000		200,000																															
1987 & After																																		
TOTAL	200,000		200,000																															



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 26742 File Number:	Financial Report Page: 55 Appendix Page: A17																																				
<u>Project Description</u> Engineering Main Street - Emerson Avenue to Cootes Drive Cootes Drive - Main Street to Olympic Drive Olympic Drive - Cootes Drive to King Street 750 mm Ø Watermain Municipality	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>144,000</td> </tr> <tr> <td>Other</td> <td>144,000</td> </tr> <tr> <td>TOTAL</td> <td>144,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>144,000</td> </tr> </table> Amount to be Financed: Regional W.R. Property Owners 144,000 Other	Design		Land		Construction	144,000	Other	144,000	TOTAL	144,000	Subsidy Contributions		TOTAL	NIL	Net Cost	144,000	<u>Need for Project</u> Provide adequate water supply for Waterdown and relieve Dundas pumping station on Osler Drive.																				
Design																																						
Land																																						
Construction	144,000																																					
Other	144,000																																					
TOTAL	144,000																																					
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<u>Cash Flow</u> <table border="1"> <tr> <th>O.M.B. Required</th> <th>1986</th> <th>Other</th> <th>Total</th> </tr> <tr> <td>Prior To Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1982</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1983</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1984</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1985</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1986</td> <td>144,000</td> <td></td> <td>144,000</td> </tr> <tr> <td>1987 & After</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>144,000</td> <td></td> <td>144,000</td> </tr> </table>		O.M.B. Required	1986	Other	Total	Prior To Budget				1982				1983				1984				1985				1986	144,000		144,000	1987 & After				TOTAL	144,000		144,000	<u>Additional Information</u>
O.M.B. Required	1986	Other	Total																																			
Prior To Budget																																						
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1985																																						
1986	144,000		144,000																																			
1987 & After																																						
TOTAL	144,000		144,000																																			
<u>Map to Locate Project</u> 		<u>Effect on Current Budget</u> <table border="1"> <tr> <td>Debt Charges</td> <td>30,900</td> </tr> <tr> <td>Annual Costs</td> <td>N/A</td> </tr> <tr> <td>TOTAL</td> <td>30,900</td> </tr> </table>	Debt Charges	30,900	Annual Costs	N/A	TOTAL	30,900																														
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

245

Department/Agency: Engineering Function: Waterworks	Project Number: 23736A File Number: 816-28	Financial Report Page: 56 Appendix Page: A15
Project Description Pumping Station W-H6B on Stone Church Road at Tunbridge Crescent - Construction 2 Pumps rated at 660 L/Sec. and 50 m T.D.H. Space will be provided for One Additional Pump Municipality Hamilton	Capital Cost Estimate Design 1,500,000 Land Construction 1,500,000 Other 200,000 TOTAL 200,000 Subsidy M.O.E. Contributions 200,000 TOTAL 200,000 Net Cost 1,300,000 Amount to be Financed: Regional W.R. Property Owners 1,300,000 Other TOTAL 1,300,000	Need for Project Demand created by new development within District W-H6 is expected to exceed firm pumping capacity of P.S. W-H6A by 1984. Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges 279,000 Annual Costs 10,000 TOTAL 289,000



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering	Project Number: 22735	Financial Report Page: 56																																														
Function: Waterworks	File Number: 819-38	Appendix Page:																																														
Project Description Stone Church Road Trunk Watermain - Upper Ottawa Street to Upper Gage - Construction 1200 mm Watermain on Stone Church Road from Upper Ottawa Street to P.S. W-H6B 900 mm Watermain on Stone Church Road <u>Municipality</u>	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>890,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>890,000</td></tr><tr><td>Subsidy</td><td></td></tr><tr><td>Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>890,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R.</td><td>890,000</td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>890,000</td></tr></table>	Design		Land		Construction	890,000	Other		TOTAL	890,000	Subsidy		Contributions		TOTAL	NIL	Net Cost	890,000	Amount to be Financed:		Regional W.R.	890,000	Property Owners		Other		TOTAL	890,000	Need for Project Trunk watermains to be constructed in conjunction with pumping station W-H6B.																		
Design																																																
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FIVE YEAR CAPITAL BUDGET
1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 25750A File Number:	Financial Report Page: 56 Appendix Page: A10
Project Description Surge Protection @ Pumping Station W-H1 - Construction Surge Valve and Elevated Tank	Capital Cost Estimate Design 1,500,000 Land Construction Other TOTAL 1,500,000 Subsidy Contributions TOTAL NIL Net Cost 1,500,000 Amount to be Financed: Regional W.R. 1,500,000 Property Owners Other TOTAL 1,500,000	Need for Project To reduce the risk of high pressures in watermains at pump stoppage.
Municipality		Additional Information
Map to Locate Project 	Cash Flow O.M.B. Required 1986 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges 322,000 Annual Costs TOTAL 322,000



FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 30000-F File Number:	Financial Report Page: 57 & 62 Appendix Page:
<u>Project Description</u> Suburban Watermains - 1981 Local Watermains on Various Streets to be approved by Council	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy Contributions TOTAL Net Cost Amount to be Financed: Regional W.R. Property Owners Other TOTAL	<u>Need for Project</u> To provide service to partially developed areas. <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required 1981 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

Department/Agency: Engineering Function: Waterworks	Project Number: 30000-G File Number:	Financial Report Page: 57 & 62 Appendix Page:																																
<u>Project Description</u> Suburban Watermains - 1982 Local Watermains on Various Streets to be approved by Council <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design Land</td><td>400,000</td></tr><tr><td>Construction Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr><tr><td>Subsidy Contributions</td><td></td></tr><tr><td>TOTAL</td><td>NIL</td></tr><tr><td>Net Cost</td><td>400,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R.</td><td>200,000</td></tr><tr><td>Property Owners</td><td>200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table>	Design Land	400,000	Construction Other		TOTAL	400,000	Subsidy Contributions		TOTAL	NIL	Net Cost	400,000	Amount to be Financed:		Regional W.R.	200,000	Property Owners	200,000	Other		TOTAL	400,000	<u>Need for Project</u> To provide service to partially developed areas. <u>Additional Information</u>										
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 30000-H File Number:	Financial Report Page: 57 & 62 Appendix Page:																																
<u>Project Description</u> Suburban Watermains - 1983 Local Watermains on Various Streets to be approved by Council <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction 400,000 Other TOTAL 400,000 Subsidy Contributions TOTAL NIL Net Cost 400,000 Amount to be Financed: Regional W.R. 200,000 Property Owners 200,000 Other TOTAL 400,000	<u>Need for Project</u> To provide service to partially developed areas. <u>Additional Information</u>																																
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FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 30000-I</p> <p>File Number:</p>	<p>Financial Report Page: 57 & 62</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>Suburban Watermains - 1984</p> <p>Local Watermains on Various Streets to be approved by Council</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land Construction Other</td><td>400,000</td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL NIL</p> <p>Net Cost</p> <p>400,000</p> <p>Amount to be Financed:</p> <table><tr><td>Regional W.R.</td><td>200,000</td></tr><tr><td>Property Owners</td><td>200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table>	Design Land Construction Other	400,000	TOTAL	400,000	Regional W.R.	200,000	Property Owners	200,000	Other		TOTAL	400,000	<p><u>Need for Project</u></p> <p>To provide service to partially developed areas.</p> <p><u>Additional Information</u></p>																														
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 30000-J</p> <p>File Number:</p>	<p>Financial Report Page: 57 & 62</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>Suburban Watermains - 1985</p> <p>Local Watermains on Various Streets to be approved by Council</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design Land</td><td></td></tr><tr><td>Construction</td><td>400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>400,000</td></tr></table> <p>Subsidy Contributions</p> <p>TOTAL</p> <p>NIL</p> <p>400,000</p> <p>Net Cost</p> <p>Amount to be Financed:</p> <p>Regional W.R. 200,000</p> <p>Property Owners 200,000</p> <p>Other</p> <p>TOTAL 400,000</p>	Design Land		Construction	400,000	Other		TOTAL	400,000	<p><u>Need for Project</u></p> <p>To provide service to partially developed areas.</p> <p><u>Additional Information</u></p>																																		
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200,000	200,000	400,000																																										

FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 30000-K File Number:	Financial Report Page: 58 & 63 Appendix Page:																				
<u>Project Description</u> Suburban Watermains - 1986 Local Watermains on Various Streets to be approved by Council <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"> <tr> <td>Design</td> <td></td> </tr> <tr> <td>Land</td> <td></td> </tr> <tr> <td>Construction</td> <td>400,000</td> </tr> <tr> <td>Other</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>400,000</td> </tr> </table> <table border="1"> <tr> <td>Subsidy</td> <td></td> </tr> <tr> <td>Contributions</td> <td></td> </tr> <tr> <td>TOTAL</td> <td>NIL</td> </tr> </table> <table border="1"> <tr> <td>Net Cost</td> <td>400,000</td> </tr> </table> Amount to be Financed: Regional W.R. 200,000 Property Owners 200,000 Other <table border="1"> <tr> <td>TOTAL</td> <td>400,000</td> </tr> </table>	Design		Land		Construction	400,000	Other		TOTAL	400,000	Subsidy		Contributions		TOTAL	NIL	Net Cost	400,000	TOTAL	400,000	<u>Need for Project</u> To provide service to partially developed areas.
Design																						
Land																						
Construction	400,000																					
Other																						
TOTAL	400,000																					
Subsidy																						
Contributions																						
TOTAL	NIL																					
Net Cost	400,000																					
TOTAL	400,000																					
<u>Map to Locate Project</u>	<u>Additional Information</u>	<u>Effect on Current Budget</u> Debt Charges _____ Annual Costs _____ TOTAL _____																				



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 28810-0</p> <p>File Number:</p>	<p>Financial Report Page: 59 & 64</p> <p>Appendix Page:</p>										
<p><u>Project Description</u></p> <p>Rated Watermains and Minor Improvements - 1981</p> <p>Local Watermains on Various Streets to be approved by Council</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>1,500,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>1,500,000</td></tr></table> <p>Subsidy</p>	Design		Land		Construction	1,500,000	Other		TOTAL	1,500,000	
Design												
Land												
Construction	1,500,000											
Other												
TOTAL	1,500,000											
Contributions	O.P.F.P. 100,000											
TOTAL	100,000											
Net Cost	1,400,000											
Amount to be Financed:												
Regional W.R.	700,000											
Property Owners	700,000											
Other												
TOTAL	1,400,000											

 Need for Project To provide for Local Improvement Act watermains and minor works generally associated with road construction. Additional Information || Map to Locate Project | Cash Flow O.M.B. Required 1981 Expenditures: | | | | | |-----------------|---------|---------------|-----------| | Prior To Budget | Region | Other Contrib | Total | | 1982 | | | | | 1983 | | | | | 1984 | | | | | 1985 | | | | | 1986 | | | | | 1987 & After | | | | | TOTAL | 700,000 | 800,000 | 1,500,000 | | Effect on Current Budget Debt Charges Annual Costs TOTAL |



FIVE YEAR CAPITAL BUDGET

1982 - 1986

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Department/Agency: Engineering Function: Waterworks	Project Number: 28810-P File Number:	Financial Report Page: 59 & 64 Appendix Page:																														
Project Description Rated Watermains and Minor Improvements - 1982 Local Watermains on Various Streets to be approved by Council Municipality	Capital Cost Estimate <table border="1"><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>3,000,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>3,000,000</td></tr><tr><td>Subsidy Contributions</td><td>O.P.F.P. 800,000</td></tr><tr><td>TOTAL</td><td>800,000</td></tr><tr><td>Net Cost</td><td>2,200,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R.</td><td>800,000</td></tr><tr><td>Property Owners</td><td>1,400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,200,000</td></tr></table>	Design		Land		Construction	3,000,000	Other		TOTAL	3,000,000	Subsidy Contributions	O.P.F.P. 800,000	TOTAL	800,000	Net Cost	2,200,000	Amount to be Financed:		Regional W.R.	800,000	Property Owners	1,400,000	Other		TOTAL	2,200,000	Need for Project See Item 28810-O Additional Information				
Design																																
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TOTAL	2,200,000																															
Map to Locate Project	Cash Flow <table border="1"><tr><td>O.M.B. Required</td><td>1982</td><td></td></tr><tr><td>Expenditures:</td><td></td><td></td></tr><tr><td>Prior To Budget</td><td>Region</td><td>Other Contrib Total</td></tr><tr><td>1982</td><td>400,000</td><td>1,000,000 1,400,000</td></tr><tr><td>1983</td><td>400,000</td><td>1,200,000 1,600,000</td></tr><tr><td>1984</td><td></td><td></td></tr><tr><td>1985</td><td></td><td></td></tr><tr><td>1986</td><td></td><td></td></tr><tr><td>1987 & After</td><td></td><td></td></tr><tr><td>TOTAL</td><td>800,000</td><td>2,200,000 3,000,000</td></tr></table>	O.M.B. Required	1982		Expenditures:			Prior To Budget	Region	Other Contrib Total	1982	400,000	1,000,000 1,400,000	1983	400,000	1,200,000 1,600,000	1984			1985			1986			1987 & After			TOTAL	800,000	2,200,000 3,000,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
O.M.B. Required	1982																															
Expenditures:																																
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1987 & After																																
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FIVE YEAR CAPITAL BUDGET

1982 - 1986

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<div>Department/Agency: Engineering</div> <div>Function: Waterworks</div>	<div>Project Number: 28810-Q</div> <div>File Number:</div>	<div>Financial Report Page:, 59 & 64</div> <div>Appendix Page:</div>																																
<div><div>Project Description</div><div>Rated Watermains and Minor Improvements - 1983</div><div>Local Watermains on Various Streets to be approved by Council</div><div>Municipality</div></div>	<div><div>Capital Cost Estimate</div><table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td>2,400,000</td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,400,000</td></tr></table> <table><tr><td>Subsidy Contributions</td><td>O.P.F.P.</td><td>100,000</td></tr><tr><td>TOTAL</td><td></td><td>100,000</td></tr></table> <table><tr><td>Net Cost</td><td>2,300,000</td></tr></table> <div>Amount to be Financed:</div><table><tr><td>Regional</td><td>1,100,000</td></tr><tr><td>Property Owners</td><td>1,200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,300,000</td></tr></table></div>	Design		Land	2,400,000	Construction		Other		TOTAL	2,400,000	Subsidy Contributions	O.P.F.P.	100,000	TOTAL		100,000	Net Cost	2,300,000	Regional	1,100,000	Property Owners	1,200,000	Other		TOTAL	2,300,000	<div>Need for Project</div> <div>See Item 28810-O.</div> <div>Additional Information</div>						
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FIVE YEAR CAPITAL BUDGET

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<p>Department/Agency: Engineering</p> <p>Function: Waterworks</p>	<p>Project Number: 28810-R</p> <p>File Number:</p>	<p>Financial Report Page: 59 & 65</p> <p>Appendix Page:</p>																																
<p><u>Project Description</u></p> <p>Rated Watermains and Minor Improvements - 1984</p> <p>Local Watermains on Various Streets to be approved by Council</p> <p><u>Municipality</u></p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>2,400,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,400,000</td></tr></table> <table><tr><td>Subsidy Contributions</td><td>O.P.F.P.</td><td>100,000</td></tr><tr><td>TOTAL</td><td></td><td>100,000</td></tr><tr><td>Net Cost</td><td></td><td>2,300,000</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional W.R.</td><td>1,100,000</td></tr><tr><td>Property Owners</td><td>1,200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,300,000</td></tr></table>	Design		Land		Construction	2,400,000	Other		TOTAL	2,400,000	Subsidy Contributions	O.P.F.P.	100,000	TOTAL		100,000	Net Cost		2,300,000	Regional W.R.	1,100,000	Property Owners	1,200,000	Other		TOTAL	2,300,000	<p><u>Need for Project</u></p> <p>See Item 28810-O.</p> <p><u>Additional Information</u></p>					
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 28810-S File Number:	Financial Report Page: 59 & 65 Appendix Page:																																
Project Description Rated Watermain and Minor Improvements - 1985 Local Watermains on Various Streets to be approved by Council <u>Municipality</u>	Capital Cost Estimate Design Land 2,400,000 Construction Other TOTAL 2,400,000 Subsidy Contributions O.P.F.P. 100,000 TOTAL 100,000 Net Cost 2,300,000 Amount to be Financed: Regional W.R. 1,100,000 Property Owners 1,200,000 Other TOTAL 2,300,000	Need for Project See Item 28810-O. Additional Information																																
Map to Locate Project	Cash Flow O.M.B. Required 1985 Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL <table border="1"><thead><tr><th></th><th>Region</th><th>Other Contrib</th><th>Total</th></tr></thead><tbody><tr><td>1982</td><td></td><td></td><td></td></tr><tr><td>1983</td><td></td><td></td><td></td></tr><tr><td>1984</td><td></td><td></td><td></td></tr><tr><td>1985</td><td>600,000</td><td>600,000</td><td>1,200,000</td></tr><tr><td>1986</td><td>500,000</td><td>700,000</td><td>1,200,000</td></tr><tr><td>1987 & After</td><td></td><td></td><td></td></tr><tr><td>TOTAL</td><td>1,100,000</td><td>1,300,000</td><td>2,400,000</td></tr></tbody></table>		Region	Other Contrib	Total	1982				1983				1984				1985	600,000	600,000	1,200,000	1986	500,000	700,000	1,200,000	1987 & After				TOTAL	1,100,000	1,300,000	2,400,000	Effect on Current Budget Debt Charges Annual Costs TOTAL
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FIVE YEAR CAPITAL BUDGET

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Department/Agency: Engineering Function: Waterworks	Project Number: 28810-T File Number:	Financial Report Page: 59 & 65 Appendix Page:																																				
<u>Project Description</u> Rated Watermains and Minor Improvements - 1986 Local Watermains on Various Streets to be approved by Council <u>Municipality</u>	<u>Capital Cost Estimate</u> <table border="1"><tr><td>Design</td><td>2,400,000</td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,400,000</td></tr><tr><td>Subsidy Contributions</td><td>100,000</td></tr><tr><td>TOTAL</td><td>100,000</td></tr><tr><td>Net Cost</td><td>2,300,000</td></tr><tr><td>Amount to be Financed:</td><td></td></tr><tr><td>Regional W.R.</td><td>1,100,000</td></tr><tr><td>Property Owners</td><td>1,200,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>2,300,000</td></tr></table>	Design	2,400,000	Land		Construction		Other		TOTAL	2,400,000	Subsidy Contributions	100,000	TOTAL	100,000	Net Cost	2,300,000	Amount to be Financed:		Regional W.R.	1,100,000	Property Owners	1,200,000	Other		TOTAL	2,300,000	<u>Need for Project</u> To provide for Local Improvement Act watermains and minor works generally associated with road construction. <u>Additional Information</u>										
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Prior To Budget	Region	Other Contrib	Total																																			
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Department/Agency: Engineering Function: Sewage and Water Works	Project Number: 33901 File Number:	Financial Report Page: 66 Appendix Page:
Project Description OHC Sewer, Saltfleet Community Development (to be adjusted for 1974) Municipality Stoney Creek	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy Contributions L.L. TOTAL Net Cost Amount to be Financed: Regional Property Owners Other TOTAL	Need for Project Additional Information Effect on Current Budget Debt Charges Annual Costs TOTAL
Map to Locate Project	Cash Flow O.M.B. Required Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Other Contrib Total 4,580,000 4,580,000



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<p>Department/Agency: Engineering</p> <p>Function: Sewage and Water Works</p>	<p>Project Number: 38239</p> <p>File Number:</p>	<p>Financial Report Page: 66</p> <p>Appendix Page:</p>																																										
<p><u>Project Description</u></p> <p>OHC Sewer, East Mountain, Satellite City (to be adjusted for 1974)</p>	<p><u>Capital Cost Estimate</u></p> <table><tr><td>Design</td><td></td></tr><tr><td>Land</td><td></td></tr><tr><td>Construction</td><td>9,246,000</td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td>9,246,000</td></tr></table> <p>Subsidy Contributions L.L.</p> <table><tr><td></td><td>9,246,000</td></tr><tr><td>TOTAL</td><td>9,246,000</td></tr></table> <p>Net Cost</p> <table><tr><td></td><td>NIL</td></tr></table> <p>Amount to be Financed:</p> <table><tr><td>Regional</td><td></td></tr><tr><td>Property Owners</td><td></td></tr><tr><td>Other</td><td></td></tr><tr><td>TOTAL</td><td></td></tr></table>	Design		Land		Construction	9,246,000	Other		TOTAL	9,246,000		9,246,000	TOTAL	9,246,000		NIL	Regional		Property Owners		Other		TOTAL		<p><u>Need for Project</u></p>																		
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Prior		Total																																										
To Budget																																												
1982		1,613,000																																										
1983																																												
1984																																												
1985																																												
1986																																												
1987 & After																																												
TOTAL		9,246,000																																										
Debt Charges																																												
Annual Costs																																												
TOTAL																																												

TRANSIT

DETAIL SHEETS



FIVE YEAR CAPITAL BUDGET
1982 - 1986

Function: <u>Project Description</u> Construction of Mountain Garage <u>Municipality</u>	Transit	Project Number: File Number:	Financial Report Page: 67 Appendix Page:
<u>Capital Cost Estimate</u> Design Land 400,000 Construction 10,900,000 Other TOTAL 11,300,000 Subsidy M.T.C. Contributions 8,475,000 TOTAL 8,475,000 Net Cost 2,825,000 Amount to be Financed: Regional Transit 2,825,000 Property Owners Other TOTAL 2,825,000		<u>Need for Project</u> To provide expansion of present vehicle storage and repair facilities.	
<u>Map to Locate Project</u>		<u>Additional Information</u>	
<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior Region Other To Budget Contrib Total 1982 1,325,000 3,975,000 5,300,000 1983 1,500,000 4,500,000 6,000,000 1984 1985 1986 1987 & After TOTAL 2,825,000 8,475,000 11,300,000		<u>Effect on Current Budget</u> Debt Charges 606,400 Annual Costs TOTAL 606,400	



FIVE YEAR CAPITAL BUDGET

1982 - 1986

263

Function: Transit	Project Number: File Number:	Financial Report Page: 67 Appendix Page:
<u>Project Description</u> Trolley Coach Rehabilitation <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy M.T.C. Contributions TOTAL Net Cost Amount to be Financed: Regional Transit Property Owners Other TOTAL	<u>Need for Project</u> Trolley coach repair and maintenance is required to extend the useful life of the vehicles. <u>Additional Information</u> It is anticipated that the net financing will be met from the H.S.R. operating budgets of future years.
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL



Function:	Transit	Project Number: File Number:	Financial Report Page: 67 Appendix Page:
Project Description	Control and Communication System	Capital Cost Estimate	Need for Project
Municipality		Design Land Construction Other Subsidy M.T.C. Contributions Net Cost Amount to be Financed: Regional Transit Property Owners Other TOTAL	Additional Information It is anticipated that the net financing will be met from the H.S.R. operating budgets of future years.
Map to Locate Project		Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET

1982 - 1986

265

Function:	Transit	Project Number:		Financial Report Page: 67	
Project Description		File Number:		Appendix Page:	
Purchase of Articulated Buses		Capital Cost Estimate		Need for Project	
		Design			
		Land			
		Construction	600,000		
		Other			
		TOTAL	600,000		
		Subsidy M.T.C. Contributions	150,000		
		TOTAL	150,000		
		Net Cost	450,000		
		Amount to be Financed:			
		Regional Transit	450,000		
		Property Owners			
		Other			
		TOTAL	450,000		
Municipality				Additional Information	
				Acquisition anticipated for 1982.	
				Payment at depreciated cost in 1985.	
Map to Locate Project		Cash Flow		Effect on Current Budget	
		O.M.B. Required	Received		
		Expenditures:	Other		
		Prior	Region	Contribution	Total
		To Budget			
		1982			
		1983			
		1984			
		1985	450,000	150,000	600,000
		1986			
		1987 & After			
		TOTAL	450,000	150,000	600,000
				Debt Charges	96,600
				Annual Costs	
				TOTAL	96,600



FIVE YEAR CAPITAL BUDGET

1982 - 1986

267

Function: <u>Project Description</u> Reconstruction of 18 Wentworth Street Garage and Headquarters <u>Municipality</u>	Transit	Project Number: File Number:	Financial Report Page: 67 Appendix Page:
<u>Capital Cost Estimate</u> Design 300,000 Land 150,000 Construction 9,000,000 Other TOTAL 9,450,000 Subsidy M.T.C. Contributions 7,088,000 TOTAL 7,088,000 Net Cost 2,362,000 Amount to be Financed: Regional Transit 2,362,000 Property Owners Other TOTAL 2,362,000		<u>Need for Project</u>	
<u>Map to Locate Project</u>		<u>Additional Information</u>	
<u>Cash Flow</u> O.M.B. Required Received Expenditures: Other Prior Region Contrib Total To Budget 1982 30,000 90,000 120,000 1983 120,000 360,000 480,000 1984 962,000 2,888,000 3,850,000 1985 1,250,000 3,750,000 5,000,000 1986 1987 & After TOTAL 2,362,000 7,088,000 9,450,000		<u>Effect on Current Budget</u> Debt Charges 507,000 Annual Costs TOTAL 507,000	

FIVE YEAR CAPITAL BUDGET

1982 - 1986

268

Function: Transit

Project Number:
File Number:

Financial Report Page: 68
Appendix Page:

Project Description

Acquisition of Buses

Municipality

Capital Cost Estimate

Design	
Land	
Construction	
Other	6,608,000
TOTAL	6,608,000
Subsidy M.T.C. Contributions	4,958,000
TOTAL	4,958,000
Net Cost	1,518,000
Amount to be Financed:	
Regional Transit Property Owners	1,652,000
Other	
TOTAL	1,652,000

Need for Project

Additional Information

Year	Buses Required
1983	9
1984	10
1985	15
1986	12
	46

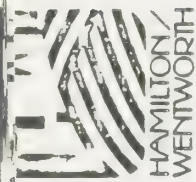
Map to Locate Project

Cash Flow

O.M.B. Required	Received	
Expenditures:	Region	Other Contrib Total
Prior To Budget		
1982	297,000	891,000
1983	330,000	990,000
1984	495,000	1,485,000
1985	530,000	1,590,000
1986		
1987 & After		
TOTAL	1,652,000	4,958,000
		6,608,000

Effect on Current Budget

Debt Charges	325,900
Annual Costs	
TOTAL	325,900



FIVE YEAR CAPITAL BUDGET

1982 - 1986

269

Function: Transit	Project Number: T1008 File Number:	Financial Report Page: 68 Appendix Page:
Project Description Fare Box System Update <u>Municipality</u>	Capital Cost Estimate Design Land Construction Other TOTAL Subsidy M.T.C. Contributions TOTAL Net Cost Amount to be Financed: Regional Transit Property Owners Other TOTAL	Need for Project Additional Information
Map to Locate Project	Cash Flow O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	Effect on Current Budget Debt Charges Annual Costs TOTAL



FIVE YEAR CAPITAL BUDGET
1982 - 1986

270

FUNCTION: Transit	Project Number: T1009 File Number:	Financial Report Page: 68 Appendix Page:
<u>Project Description</u> Trolley Coach Substation Control <u>Municipality</u>	<u>Capital Cost Estimate</u> Design Land Construction Other TOTAL Subsidy M.T.C. Contributions TOTAL Net Cost Amount to be Financed: Regional Transit Property Owners Other TOTAL	<u>Need for Project</u> <u>Additional Information</u>
<u>Map to Locate Project</u>	<u>Cash Flow</u> O.M.B. Required Received Expenditures: Prior To Budget 1982 1983 1984 1985 1986 1987 & After TOTAL	<u>Effect on Current Budget</u> Debt Charges Annual Costs TOTAL

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